

<211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

<400> 3123

nctctttgac	ctcnnttggc	tactngttct	ttntgcagga	tcccatcgat	tcggtcagat	60
ggtagaaaat	gaaataatta	aatagatacc	atttgagttc	tgggagccag	gtgaagaagt	120
gtttgtttgt	ttttgagacg	gagtcctcact	ctgttaccca	ggttggagtg	cagtgggcctg	180
atcttggcgc	actgcaacct	ccgccttctg	ggctcaagtg	attctcctgc	tccagcctcc	240
tgagtagctg	gggctacaga	cgtgtaccac	cacacctggc	tactttttgt	attttttagca	300
gagaggggat	ttcgccatgt	tggtcaggct	ggttttgaac	tcctgacctc	aggtgatctg	360
cccaccttgg	cctctcaaag	tgctgggatt	acaagcgtga	gccactgtgc	ccggccagaa	420
ggagtgtttt	gagaatggct	aagagaagat	aggttgaata	gctatgccta	catgtcacta	480
attaacatct	cagagatctc	tgctacaggt	tgctcgtcct	cattttgtct	aatatttttc	540
caatggcatg	agtataggaa	gataaacggg	gaatgttttg	aagtaataaa	aaaattccat	600
tcataaagaa	gaacaacatg	tattaagctt	tgtgcaccaa	acaacacaaa	caggggaagac	660
acataaggca	anaagctttt	agnaaaaaaa	nnntncntnn	nnannntaat	aaaaaactnn	720
ggncctttng	aactntaggn	gagnccgntt	ttaccgtana	atccaganct	gaata	775

<210> 3124
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 3124

tcccnagant	ccatncgttt	ggcnactcgt	tctttntgca	ggatcccatc	gattcgaatt	60
cggcacgagt	gttctttagt	tgtttggtgc	tattgttaga	aagattatta	gtgatatgtg	120
gggtgtctta	gctaaacaac	agacacatgt	aagaaaacac	cagtttgatc	atggagagct	180
ggttttaccat	gcattgcaat	tgtttagcata	tacagccctt	ggtattttta	ttatgagact	240
aaaactcttc	ttgacaccac	acatgtgtgt	tatggcatca	ctgatctgct	caagacagct	300
atltggatgg	ctcttttgca	aagtncatcc	tgggtgctatt	gtgtttgcta	tattancagc	360
aatgtcaata	caaggttcag	caaactctgca	aacccagtgg	aatattgtag	gggaagttca	420
gcaatttgcc	ccaagaagaa	cttatagaat	ggatcaaata	tagtactaaa	ccagatgcag	480
tgtttgcnng	tgccatgccc	acgatggcaa	gtgttaagct	ctctgcactt	cggcccattg	540
tgaatcatcc	acattatgaa	gacgcatgct	tganagcccn	aacaaaaaat	angttttact	600
naaatgtata	ngtacgggaa	aggcacnccg	anggaaagtg	aaaacgagga	actngattaa	660
agttnaaaaag	gtggaactta	ttancattnc	ctatanaant	agttcatggg	tgtgntaaan	720
aaaggatccn	aagcccctgg	tttgcangtt	tgccctggaa	antttggggg	atgttnggaa	780
gaanacctng	cccaaattggc	ttggggcaaa	aacnttccct			820

<210> 3125
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 3125
 ntccctctntt gccttcgntt ggcnaacttgn tcttttttgcg ggatecccatc gattcggttg 60
 agcaatatga atataatgcc aagtactgat aaaatacggg attcatttag aatcaacata 120
 ggtagacaga ctgttttttag taagggttttg ttttttggtg aataccatgt ttgggctgtc 180
 agacttactt ttccctcgag atccatattt tgtacatgac ataccagata tatgcaatat 240
 gaaacggaaa cagttttttca atctaataatc caggagtttg tgttaatatc ttgtgaactt 300
 gtggctcttg gtatctggca ttgataaggc tgtctactaa tccagagaaa aggggaagtag 360
 actccgtttt aaagtctagt ccagctcttat tcttttagttc atagaaatgg tctaagttaa 420
 tgatagactc cgcacttatg ttcagaaaagc atcatcatta cagctttgtt gaagggactt 480
 ctgagtaang attatgtttg cgtctcctgt tgggtggaagg cccatgaagc gtaatttctt 540
 nctcaccatg ggcttcttta ttattgntga gtttttcata ctccanggatg tgaattcaac 600
 cttgggtgtt ccagttcaga gaaaatatat catgaaagga tgaagtgttg gttcaattct 660
 aggaccagna ttgagtggca ttatatccca gangtcctta tgggaaatgc tgggatttat 720
 tgagtinggtt tnncaggnc ttttcgncct ntttgccctg ggactaacta anacan 776

<210> 3126
 <211> 813
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(813)
 <223> n = A,T,C or G

<400> 3126
 gcctccttct ttcaaaaacnc ttggctactn gttctttttg caggatecca tccattcgaa 60
 ttccggcacga ggccacacgg gccgcatcat ncttgcaatc tggttccgct acgacctcag 120
 ccccatcacg gtcaagtaca cagagagacg gnagcccgtt gtacagattc atcaccacga 180
 tctgtgccat cattggcgagg accttnaccg ncgcccggcat nctggactca tgcattctca 240
 cagcctntga ggccctggaag aagatccagc tgggcaagat gcattgacgc cacaccacgc 300
 ctaatggccg angaccctgg gcatcgccag ccttgccctc agtgccctgt ntnttttggc 360
 cctcaatctg gncccaaate tggctgtgtc ccaaagggtg tgtgggaagt ggggggaaaag 420
 tanaggatgg ctcgatgttt tgcagctacc tcttttnccc gtgttncttt ttagacaaat 480
 tacactgcct gaagtgtgan ttccctttn cctggggagc ccnaagaaca gagtcnnggc 540
 angggttggg gagtccaggg atcttggggg acccctccta aggagaagct tgcagtctct 600
 tccntaaggg gaacatccca gaatgcatta tcgantcagc ttnttaagcc caggctttan 660
 acaaattctt nnnagnnccc caattagggt nggacaccat ttaaataaat ttgggtttac 720
 ttccctctgg ggcaagncca anccttgccc ccanaaggct acncanaaac cttggggggt 780
 tttaagcctt ttgggggaccc aggnntggcn nnt 813

<210> 3127
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 3127


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gnnttnnnnn nttttcaant nnnnggctctg ntcttttgca ggatccctcg attcgaattc      60
ggcacgagcc tagtcccaga gtccctggagc ggcatactgg ggggtggtgt gcagtcagg      120
catccccaac ccagcatgta tagagagcat ccataccttac atccagctga cccatgccc      180
tgctcctccc tgtggctgga ggttcaacaa taacataagt ctcttctttg cctccagat      240
atttctcctt cgagtggctg ggaaacttgg caagagacca gaggacccaa atgcagaccc      300
ttcaagttag gccaaaggcaa tggctgtgcc ctatcttctg agaagaaagt tcagtaattc      360
cctgaaaagt caaggtaaag atgatgattc ttttgatcgg aaatcagtgt acccgaggct      420
cgctgacaca gagaaacccc aacgcgagga aaggaatggc cagccacacc ttcgcgaaac      480
ctgtgggtgg ccaccagtc taacgggaca ggacagagag acagagcagc cctgcactgg      540
tttcccttca ccacagccat cctgtccctt cattggctct gggctttcca ctatacacag      600
tcaccgtcca atgagaaaca agaaggagca ccttcacat ngactccaac tgcaagttgg      660
acagcgacat tcaatcctgn actggttaac tggggttact ggatgactcc tggttgccc      720
ccatnctttt tgactggga                                     739

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<210> 3128

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 3128

```

ntgcttcttc tncnnaaccc tttggnaact ncctctttnt gcaggatccc atcgattcga      60
aaatatattta gtataagcaa ttggctgtga tgctcaaatt tattgcatcc tcttattgaa      120
tttgccaatt tgtaattttt gcataataaa gaaccaaagg tgtaatgttt tgttgagagg      180
tgggttaggg attttggccc taaccaatac attgaatgta tgatgactat ttgggaggac      240
acatttatgt acccagaggc cccactaat aagtgggtact atggttactt ccttgtgtac      300
atttctctta aaagtgatat tatatctgtt tgtatgagaa acccagtaac caataaaatg      360
accgcataatt cctgactaaa cgtagtaagg aaaatgcaca ctttgttttt acttttccgt      420
ttcattctaa aggtagttaa gatgaaattt atatgaaagc atttttatca caaaataaaa      480
aaggtttgcc aagctcagtg gtgttgnatt ttttattttc caatactgca tccatggcct      540
ggcagtggtta cctcatgatg tcataatntg ctgagagaag caaattttct ttcttttctg      600
aatcccaaaa agcctagcac caaacttcct ttttcttcc tttaattaag atcataaata      660
aaatgatcct gggggaaaaa ngcatctgtc aaaataggga aaacattccc aaaactggag      720
ccactcttct tgtgcaccta anccatagct tggtgaccaa acaagatngg ttgcttcaag      780
gn                                     782

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<210> 3129

<211> 1407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1407)

<223> n = A,T,C or G

<400> 3129

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acnnnncnnn gnaagnnacn ngaanannng naanngacna annngnanagn gnaananaag      60
gngggggnga gaccnccagn nggngnccan naaccccntg ggnaaanngc cnanannngca      120
ggaacccanc gnangnaaan nnggnannga ggcagagnac ccgcaggaaan cnnnaacann      180
gannacaggc aggaaacnna caaaaaggag ganngngaaa acaaanacan acagnngaggc      240
caaagnaaaa aacatcagna nncgcnnana cagnncangn annccaagga anaanaaggg      300

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aagganaaaac	aagnngnnna	aaagaacaaa	ggagngaang	ccananangc	nnagcnaann	360
naaacaaaana	cggggganaa	ggcganaanc	nacngnanna	nngcaannag	aangaannan	420
acgnnnagacg	gcgannagna	nggacagcgn	agannnnann	nnnnnaggan	nnnagnacan	480
agnnnacgan	cggcacanan	ggcgganana	gnnngancac	angacacaaan	acanacacga	540
ncaggcnrng	annanacacg	gaagcaaagn	agaagngcag	aaagananna	gaancancnc	600
cgagaggcan	agnacacagna	gnnanngcan	agnncnanna	gnanagnaana	agcgacagag	660
nnncgaagcn	gagnaacaca	caangaaanc	agannacgag	nagacggang	aaaggggaaga	720
caaagagaga	ggngangaaan	gaaagaaaca	gagagngcag	aagacncnng	agagaagaga	780
gacagnagna	ngagancncg	cnnacngana	nganaagaca	nagaaanaga	gngcgnagag	840
acnanaggga	gcgaacgcag	anangagaaan	agacngaana	aagaggagca	aannnnagnn	900
ngaannncac	gaggacagan	cncaacaagn	ncnnaggcan	acgaaaanan	acaggacgag	960
gangnnacan	agcgcganna	gncncanngn	agcgcgaaacg	aggannanag	agaacagcga	1020
nagagannng	aagggcagac	anaggnaaaa	ggggganaca	cacgagangc	gacacaggan	1080
aanncgaggg	acggacnggg	nggggagaga	aaacgngcga	ncnggnaagg	agaagnanna	1140
aggagaggan	nagacgacgc	naganaanang	nagnannгаа	agcacannga	cggaacangn	1200
ngcacgagca	ggcanacnaa	anaaganggn	angaaggaan	agannncaag	ngangaaacn	1260
gaaagaggna	aagnncngan	gagngnacca	gacgcagaan	nngnagcaca	agagaacnga	1320
gagagancga	naggagaagg	gagnganaga	naagaagaaa	agcgggnaac	aaaaaacang	1380
ncncccnag	acaaagnngg	nggcgng				1407

<210> 3130

<211> 876

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (876)

<223> n = A,T,C or G

<400> 3130

gtcccccttc	ntnaatccc	tttgggtctt	tctgcaggat	ccctcgattc	gaattcggca	60
cgagatacaa	atactacgtt	ggacgcaagg	ctatgtttga	cagcgatttt	aagcaagatg	120
ctggttatgt	tgacatagga	aatggagatt	aggacaacat	ttagttcagc	gactgacttc	180
atgacctaca	catnccgcat	ggagatgact	tagaagcagg	ggatatgccc	ttggacctgg	240
tgtcaaagct	ctcgttttaa	cagcctcggt	cagtgtgtcg	ctaccacaag	agctcctggt	300
taaacagcct	cgcacggcgt	gtcgtttgcc	acacctgaca	ctattggatt	agtttacggt	360
gctgangagt	acctgtcatt	tgcctttgag	cattgtcacc	cgtnttaggt	ccgaannaac	420
caaaatgggt	tggatnctng	gaccttntt	tggttttccn	gtnaaaaaat	ggctttttgg	480
ggntcanaat	tgcccnctt	ggggggggang	ctttntctga	aaaaaagggt	tntnccctnn	540
gntgccnaaa	tttttgccg	gaaantttac	cccnannccc	ttttaaaccc	aangggcnaa	600
acctnnnttg	nttgnnttca	aacaaaggcc	cctttggnaa	aaaccccggn	nggncntttt	660
tttaaattnc	cttggngnga	ntttttcttc	antcnnnga	aaaaccttta	aaantnnttc	720
cccttanang	gaacctttt	nnaaaaaaaa	gnggttttcc	tttacngaa	anccccnccg	780
attttttttg	gnatnnttna	tagggttccc	tnnaaattcn	ancccgntnn	nntgcccntt	840
naantnnaat	canntttaac	nttnncnnnn	naatcc			876

<210> 3131

<211> 1195

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1195)

<223> n = A,T,C or G

<400> 3131

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nnnnngggnnn nnnnnnnnnn nnnngggggg ggggggnngga nngnggnngn ngnnnnngnng 60
nnngnnnnnnn nnnngnngng gcgtttccnc ttttctangn tgnaaaaaaa acccggtttt 120
tggggngaaa aanngcccn aggcenaggg gaatnccnc aanncggnna annngcggn 180
aaaannncgg ggcnnacgga gggggngana gaagnnnngn aaggggaggn gggnggcngc 240
gggnnnnaggc gatagggaaa agngaanga ggngcnnggg gggganngag ggnnnggang 300
accggangng anggagcgng ngcagnggga nnnacggagn ggggcangnn gancgangaa 360
ggcgnagnga ggaaanaaaa ccngggagan ggngctgna gnaannnggn nnaggatggg 420
aggaaaaanc atanaaaana ggngccngna ggagagaatn gnccccngng gangggngg 480
gnacggggna angnnnangn nagngngggg nngaagcggn ggaannnagn gggnaagnng 540
gnnnngaggg gggngcgng gagagnggg ggngggnggg agganaangn ncngganccn 600
gagnnnggga ggaagagng ngggganngn nnggangang nggnngnngg gannngggng 660
anaggngnnn nngggngnna tcaggcnngg gagaggang aagcnggcgg nncngngnga 720
ngagcaggn gngaggnnc nngnagagcg agngnnngc nancggnnna gagnggagtc 780
nnagngngga ngngcgagn nnagngcnnn gagngngang ngnagagng ngnnnnnnag 840
ngngcnangn ncnnngngg nagcntgngc nngngggaag gangnngngn ngaggnnaag 900
nnaggnngg gngagngcg ngngggcg acagncgggg nggnngagn nganangnag 960
ngngggngg angagngcg ngantgngc anggcgngn cgggggagag nagannngng 1020
ggngagngg ngcngnnan ggngggacgg aggagnnggn nnagngggg aggnngancg 1080
angngnnan acggcgnggn gnggangngn gacnngagng gaggnngag gagagnggan 1140
ggggggngn gcnnngnagg ggnagngcg agnagncnac angangggga gngcg 1195

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<210> 3132

<211> 1195

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1195)

<223> n = A,T,C or G

<400> 3132

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nnnnngggnnn nnnnnnnnnn nnnngggggg ggggggnngga nngnggnngn ngnnnnngnng 60
nnngnnnnnnn nnnngnngng gcgtttccnc ttttctangn tgnaaaaaaa acccggtttt 120
tggggngaaa aanngcccn aggcenaggg gaatnccnc aanncggnna annngcggn 180
aaaannncgg ggcnnacgga gggggngana gaagnnnngn aaggggaggn gggnggcngc 240
gggnnnnaggc gatagggaaa agngaanga ggngcnnggg gggganngag ggnnnggang 300
accggangng anggagcgng ngcagnggga nnnacggagn ggggcangnn gancgangaa 360
ggcgnagnga ggaaanaaaa ccngggagan ggngctgna gnaannnggn nnaggatggg 420
aggaaaaanc atanaaaana ggngccngna ggagagaatn gnccccngng gangggngg 480
gnacggggna angnnnangn nagngngggg nngaagcggn ggaannnagn gggnaagnng 540
gnnnngaggg gggngcgng gagagnggg ggngggnggg agganaangn ncngganccn 600
gagnnnggga ggaagagng ngggganngn nnggangang nggnngnngg gannngggng 660
anaggngnnn nngggngnna tcaggcnngg gagaggang aagcnggcgg nncngngnga 720
ngagcaggn gngaggnnc nngnagagcg agngnnngc nancggnnna gagnggagtc 780
nnagngngga ngngcgagn nnagngcnnn gagngngang ngnagagng ngnnnnnnag 840
ngngcnangn ncnnngngg nagcntgngc nngngggaag gangnngngn ngaggnnaag 900
nnaggnngg gngagngcg ngngggcg acagncgggg nggnngagn nganangnag 960
ngngggngg angagngcg ngantgngc anggcgngn cgggggagag nagannngng 1020
ggngagngg ngcngnnan ggngggacgg aggagnnggn nnagngggg aggnngancg 1080
angngnnan acggcgnggn gnggangngn gacnngagng gaggnngag gagagnggan 1140
ggggggngn gcnnngnagg ggnagngcg agnagncnac angangggga gngcg 1195

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<210> 3133

<211> 791

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(791)
<223> n = A,T,C or G

<400> 3133

tgcctctttt	tgcctttt	gt aannncnct	ttttgcagga	tcccatcgat	tcggattagt	60
angatttnc	ngaaaaata	ccaccgggtg	gggantaang	ngcccaaant	cnngtcctaa	120
atgncagct	ttatgtnc	tgteccacc	ctngngcctc	ttctccatt	gcctcttct	180
tcctatttc	cttcgccta	ggaaaaaat	nggggtcnca	ttngtaaaag	taattttaat	240
agttaatcat	ctctgagag	aacctgtatt	ttaatngttg	aanccttaacc	aaantaagat	300
nctgtctnag	ctagggcttg	tcatttgtgt	atttagtggt	aagataggaa	tgctagtgtc	360
tctttaatta	attggaaata	gatggaggct	aaaaatgaag	gtttttcttt	gaaactgaat	420
taacttgga	atatttgttg	ttaaaacttc	tttttgccca	aaataactca	ttttgnatta	480
tctgaaaata	tataatttct	ggcatgtgta	tgtaaaaata	gaaaattttg	aggaaaaatg	540
gaaatagggt	ggaaaagtac	tcggtaaaaca	gtagtaacca	aatattttca	ctccagattt	600
nggtttctc	ttggcaccag	agtagatctt	ttgggaaaat	atattatgaa	aagtnggatt	660
aaagtttgga	ctacccttat	ggttagcccc	catctgggat	gagaacnggt	taccaaagga	720
gtttngggcc	tcttaagggtg	gatttggtnc	cccagtgggg	tcaacttttt	gcnaaaattn	780
ccgnaatggg	g					791

<210> 3134
<211> 781
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(781)
<223> n = A,T,C or G

<400> 3134

ncctttcaaa	cgcttgctct	tggtctttnt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gggtgaacacc	cgctgaccc	ttaacaagga	tttctggcag	gaaactcaca	aaanggagaa	120
ctgaaaattt	agacatacag	ttggccattg	taaaaaacat	cagtttcttc	tcatacatc	180
caagtaaac	aagtaaaata	agtgttgagg	taacacttgc	ataaaagaat	ttaaggagtg	240
atagctcttt	ctgttctgcc	attcccaaca	ttcctggggg	aaaggagact	caatgagtta	300
atactatttc	actgagccca	agatggaaac	ttggtttgac	ctaaaacatc	tgattaatat	360
aggctagctg	atttcttaaa	aattcggttc	attgaaggat	attttgcatg	tctgtaaacac	420
nngncantcn	tggttggant	ggattcnna	tnntnnnca	ntnnntnncn	nntaattggn	480
caaatnantt	tngcnntaaa	tantncngnn	tcctnnngnc	aaaatcnnga	atcctnaggg	540
atgggtccaac	cccttttatg	gntggcctga	aaangngaag	aatggggaat	tcctnttaaa	600
centtccatt	caaaaaaaaa	aaaaaaaaaa	cctnggccct	tttnnaactt	ttnggggngc	660
cegttttccc	ttanaancgg	accttgata	ggaaccattg	gatgaatttn	ggccaaancc	720
ccaacttgga	atggcnntgg	aaaaaaaaagg	cctttaantt	ggggnaaatt	tggggaaggc	780
n						781

<210> 3135
<211> 760
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 3135

tcnctcctna	aatcggttggc	gctctcttggc	aggatccctc	gattcgaatt	cggcacgagc	60
tctcaaatag	aaatgggaga	taagaaatat	atctgtgcaa	tattaaattg	aaaaaaaaaa	120
cccataaaaa	gtgtcaaagg	caaataattt	gctctagatc	acaaaactag	ttagcacaag	180
gctaggatta	taaccagggg	ctaggaaaaa	atcctgaagg	tgatttaact	gagtgttagg	240
ccctgtcaag	ccacctgcta	aggetcatgg	tctttcagac	tagcttcaac	attccaaatc	300
aggcaatagc	tacaacggaa	agataattgg	acgggggaatc	ctgagatcag	agtcctagtt	360
tggctttgtc	tcttgttagc	ggatttttta	aatcaggggg	agctctcttc	tcccatccca	420
gccatgaatc	tttcaacctt	agtggtcacc	aacttgactc	cattccttat	atcaagcctt	480
gtcctgtcaa	ttctccctta	aatgttagtt	gcattccattt	ctaaatatat	ccatggccat	540
caccctagta	aaaagactat	tacctcacac	cccgcaacttg	atcttccccc	aactttaagt	600
gactcagttc	cttatatcac	tgccacaaga	attaacacccc	atgtccatct	tttcattttc	660
tgctgaaaga	ttttcagtgg	ttcccacttg	aatnccaaat	aaagttcgaa	tcccttanaa	720
tggcattcac	agccttntac	ttctggnccc	acttttatnt			760

<210> 3136
 <211> 813
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(813)
 <223> n = A,T,C or G

<400> 3136

gcctccttct	ttcaaaaacnc	ttggctactn	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggccacacgg	gcgcgcatcat	ncctgcaatc	tggttccgct	acgacctcag	120
ccccatcacg	gtcaagtaca	cagagagacg	gnagcccgnt	gtacagattc	atcaccacga	180
tctgtgccat	cattggcggg	accttnaccg	ncgcgggcat	netggactca	tgcattctca	240
cagcctntga	ggcctggaag	aagatccagc	tgggcaagat	gcattgacgc	cacacccagc	300
ctaattggcg	angacctggg	gcctcgccag	ccttgccctc	agtgccttgt	ntnctttggc	360
cctcaatctg	gncccaaate	tggtctgtgt	ccaaaggggtg	tgtgggaagt	gggggggaaag	420
tanaggatgg	ctcgatgttt	tgcagctacc	tcttttnccc	gtgttncttt	ttagacaaat	480
tacactgcct	gaagttgcan	ttcccccttn	cctgggggagc	ccnaagaaca	gagtcnnggc	540
anggggtggg	gagtcacagg	atcttggggg	acccctccta	aggagaagct	tgcagtctct	600
tcntaagggg	gaacatccca	gaatgcatta	tcgantcagc	ttnttaagcc	caggctttan	660
acaaattctt	nnnagmnccc	caattagggt	nggacacccat	ttaaatgaat	ttgggtttac	720
ttccccctgg	ggcaagncca	anccttgccc	ccanaaggct	acncanaaac	cctggggggct	780
tttaagcctt	ttgggggaccc	aggnttggcn	nnt			813

<210> 3137
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 3137

```

gntcaataacc tgctactgnt ctttntgagg attccatcgt tcgtttcttca tgtttatatt      60
tcagagttct taatagtgat acctaaatat actatTTTTT cctgtactt tcgaagattt      120
ggatatgagt ttccagattt aaatgtggga actcatttga gtataatccg tgaacagcat      180
ttgttcaaca ctttttggg gaggccctgc tatatacaag tcattttcca agtcctactg      240
aggatttggg gttatccaga ttgtattatg gagaagctag tggcttttaa gaaataaaga      300
aataaggcta aaactcttta acagggtaga aaggggagcgc tcatagggga gggaaatagt      360
atagaacatt catcctagga atacaagtga aatcactcaa attaccatgt agtcaatata      420
cagattgntc agtgccctct atgtgccag cagtgtgcta ggcccaggga tacaatgaag      480
aagaaccttg cctcaaaaa atgcagccta aaagttttct tatggaaact ggaaatcaag      540
tttgggtctg gcattagagg cttttcttaa tgtattcacc tgggtgtgtc aggtantttc      600
tgaagatata gaaatgtttg atgaaatgaa tgaagatacn gaatgggtang attccagtat      660
caagctctat ctcataacag ttacatttcc tactaccttg caaacctnt cctactatt      720
atttaataacc cttttttcac cccn                                     744

```

<210> 3138

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 3138

```

aancccttt tnnangcgt tccntncanc tnaaancgnt tgnaaactnc nctntctgca      60
ggatcccatc gattcgctaa caagcgattc taaaccacct atgagtattt ctttttagggc      120
tcacttaaat acatgtttgt atatactgta ttctagccag aataatttta gatctgatca      180
ggtagtagct aaaattagaa aaaaacaaaa tagatgctta aagaatttgc atccattttt      240
gagtctaaat cttttaaaat atactgagat ccacatctag tgaaatgtca gtgtcaaaat      300
attatagatt atagctaaaa tccagattaa tactcatttg gggtttttta tagtggaact      360
tcatagtaat acaaaaagca gattgtcttc ctgtctccgc tgctcccaca gtaggtattg      420
aaactggtaa aatcagtttt ttgatantgt gtgtatataa gaaaaaatag atacacacat      480
tcttttttct cagtcaacac attgattgaa cactctggca aagatgctgt ggtggatgan      540
gttggagtct gaaagaagaa gcaagcgctn gctgaccttg aaagaaccga agtctttccc      600
attcacttct ctagaaagct gccaaagacg aagcagaaag aaatgggatg atagttctgt      660
caaagcacac ttctggntct ttagaacctt agaagtgnnt ctaagagaac agaagttatt      720
aagaagaaac nagntacgtg tgggaattca acaaccttng ggtnggaacc cattggcttn      780
t

```

<210> 3139

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 3139

```

ttcattccct ggctntgntc tttttgcagg nacccatcga ttcgaattcg gcacgaggtt      60
aaactgtcag tattggatct tagaagtaaa tgattattag gactgtaata gtaattatta      120
ggactgtaaa aggtaaagga ttattatctg cattagaatt tcntanatct aaaggatttn      180
ganactngag acntttannn ccaggnttct tttcctnaan tcnnaaattc caaattcatt      240
ngaantnggg aaagtgatgg ggnnacaant ngcntnchnat ccagggnntc taaantngnn      300

```

```

ncanntggcn cncnnncgnt aaanntactn tantntnecn tgagcccn gn taaaaaactg 360
ngttacccct tgacgactag tggngattat cnatTTTTTt ccttnanegg gccctnattt 420
cttctaacc cccacnntgc cttntntgat ttaaanaacc ttttgggngc aatteeetnc 480
ctntcctaatt ttangccccc cngangagtt ttatccnecn gnggnaataa attncececa 540
agggaaattgg aatccaancc ccccaanaaa attnngnncc cccccctttt aatnggnctg 600
nnttgggntg ggnaaaaanag gnttttnttt atccaaaagg nggggttttn caataaanna 660
gntnnccnng ncccaataat atttttaaag ngcnacccct ttttnnnana aanctttttc 720
ccccctttt tttcnagggg ggggggntat tccannggn nnaancectn actgnnaggg 780
ggccaatntt aaatgccncc ccttttggcc cttcaccccc aacccenttt ttntntttnt 840
tttttnnacc naanncaaat tccgnttttt gggttncccc c 881

```

<210> 3140
 <211> 725
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (725)
 <223> n = A,T,C or G

```

<400> 3140
nttonatacc ttntctactn gntctttttg caggatccca tcgattcggg ctcagagggg 60
ttatgattcg gagggttctg ccgcacggca tgggccgggg cctcttgacc cggagccagg 120
cacgcgcaga ggagcttttc tctgggtaaa gttgaggacg acagagggta ttgtggttct 180
gggttgctcc caacctccga ctgtgtgtcc ttcaggaccc gaaaccatgg cccacactgg 240
caggacagtg ggtcggcttg ggggaagggg ttagcttacc taccagagct tgtaggggct 300
gtgcagggtg atggctccca aggcggccct tttcagggtg caggctctac atcattctcc 360
atttaagctt acagtcagac tgattgataa tcgggtggcag agatgtgcat taagtcctgc 420
ccgtgttcag gatgctgtac ttagtgcgtg tgcggtaag gagtgaagag aagacgggat 480
tcagtgaatg ttctggaaaa tggctagagt gtacctagag agggaaaatt tcaatagaca 540
gtaggccagt tcaagactgg atagaagccg ggcgcggggc ctgtaatcct agcactttgg 600
gangtcaagc cgggtgatca cctgagctca aganttcgag agcacctgac caacatggtn 660
aaacaccgct tttctaaaaa tncaaaatta gctaggtgtg gtgggtgggct cctgtaatcc 720
aggac 725

```

<210> 3141
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (745)
 <223> n = A,T,C or G

```

<400> 3141
ctaatagctn ngccnactcg ctctttctgc aggattcctc gattcgagaa catgaaggta 60
gcacagaaaa agagatgctg tcttgacggg aatgttttat ttcaggaaag atatttgcaa 120
aggtggcaat gcagtgggtg atggttggtg caaggcccaa acagcacgga gctcgtgca 180
gaggagtaca cctcatgag catagacacc atcatcaatg ggaaggaagg tgtgtttcct 240
ggactgatcc caattctgaa ctcttacctt gaaaacatgg aagtggatgt ggacaccaga 300
tgtagtattc tgaactacct aaagctaatt aagaagagag catctggaga actaatgaca 360
gttgccagat ggatgagggg gtttatcgca aaccatcctg actacaagca agacagtgtc 420
ataactgatg aaatgaatta tagccttatt ttgaagtgtg accaaattgc aaatgaatta 480
tgtgaatgcc cagagttact tggatcagca tttaggaaag taaaatatag tgggaaagta 540

```

```

aaactgactc atccaactag acattctaca gaaagaaaaa atgcattatt gacgaactgg      600
ctacagtacc atgacctnttc anccagcccc gtgtgtataa tatgaaagac canatgatag      660
aactgtactg ttttctgggc cagtgaacca gaaattggat taangctttc tttggtangg      720
taaactctaga agtttatata ntggn                                           745

```

```

<210> 3142
<211> 926
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(926)
<223> n = A,T,C or G

```

```

<400> 3142
ttaaagccct ttctactnct cttttgcagg attccatcgn ttccaattcg gcacgaggat      60
ctctatacta gtgaacagtg ccagttccac accttggaact tagaactggt ctctagttat      120
tgtaacacag aatactgtca atccctaatt tacttaatgt tacttattgg aagtgggggt      180
gatgaaatac gcacaggagg gaaatctact gtgttttaggc acaggcagnc ccagtgtata      240
aggagatcat attccaaang gttgtcagtt ggntgtttgc aacctggaat gtattttcct      300
ttagagacca ngttatccat ggtggttagg cccctagagc agctggaaaa agatgatcaa      360
accaataggt tngctgacat cnaataatgt aataagtttg ctaaaaggaat ctaccatcaa      420
atntnatatt gnttccaggg aaggttgttn nttaanntnc cntcttngtg ncatantgga      480
cnntcccnth ccagtcant ncntnannnc tngggcnngt ntngnnttng tntntttngn      540
cnnctnanca atatttcata tcncccttng ctaaaattct ttanannaa nttctcantt      600
tctcccttta ctanaanttt ngnttttntt ccttttanta tttnnnccct tntntntcgt      660
tcnnanantn cattnnntnn ttntnngctn nttnatcacc ctanctcnn tctcanntat      720
cntnntenta ttatctctnt attnntcnct tntnatnate ntccnnntt gtntannca      780
ttatntcttg ttntntnct cncatctctn tcntttctc ngetnannnn actccnnnnn      840
tcnctctent nnnnanatnc atatnctnct ttngntatat annnnnntnt ntacntant      900
cnnnatnca tnnnatatn nttngt                                           926

```

```

<210> 3143
<211> 805
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(805)
<223> n = A,T,C or G

```

```

<400> 3143
tnaagncctt tctnttgctc tntttgcagg attccatcgn ttccgagagc tgtatcttca      60
gtggtgtgat gaagctacag taggggagat cactcatgct aggtatggat ctcttaccc      120
ttggcctctg aatcatatnt tggcctatca aaaacagtgg gaagtcaaac gtaagatgaa      180
agctattgga tggggaaaga agactctgga ccaggctctta gaggatgtag accagtgtg      240
tcaagctctc tctcaaagac tgggaacaca accgtatttc ttcaataagc agcctactga      300
acttgacgca ctggtatttg gccatctata caccattctt accacacaat tgacaaatga      360
tgaactttct gagaaggatg aaaactatag caacctcctt gctttctgta ggagaattga      420
acagcactat tttgaagatc gtggtaaagg caggctgtca tagagttatg tgttagtctc      480
aggagtctta acctttgaaa tatgttttac ttgaatgtta catttagata tttggtgtca      540
gaatttttaa acccaaattt actggctttt tggaaacctt cnaaattata ttaatggat      600
cttnatgnat tgtgccttta taattggcna ttttggggnn tttncntttt naaanaaaaa      660
ttcctngaaa tttattttaa antcnggaa taatgntnng gnaattcctg nnatccttg      720

```


gnnaanttttt tntggngttc cctttgggaa accantggcc ttngcctttt tannaaantt 780
 aaaagncttt taaancaaac ctggg 805

<210> 3144
 <211> 851
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(851)
 <223> n = A,T,C or G

<400> 3144
 gtnccttngtg nctntcngna actccctctn tctgcaggat ccttcgattc ggagaggagc 60
 aggtgcagtg attcataccc actctatngc ttttgtgatg gccacccttc tctttccagg 120
 acgggagttt aaaattacac atcaagagat gataaaagga ataaagaaat gtacttccgg 180
 agggatttat agatatgatg atatgttagt ggtaccatt attgagaatn cacctgagga 240
 gaaagacctc aaagatagaa tggctcatgc aatgaatgaa taccagact cctgtgcagt 300
 actggtcaga cgtcatggag tatatgtgtg gggggaaca tgggagaagg ccaaaaccat 360
 gtgtgagtgat tatgactatt natttgatat tgccgtatca atgaagaaag taggacttga 420
 tccttcacag ctcccagttg gagaaaatgg aattgtctaa gccaaaagaa agtctaatta 480
 tatacagaga taaagctaaa cgtaattatt atttaaataa aagctatttt tttaaatgaa 540
 attggaaatt ttttcatgga tgectnctaa atttggncac ttaaatacct gcaaaaatgg 600
 gnccccctgg aaacctcttc tgaccatttg gaatggtaat tnggccttaa taattccttn 660
 aataaatttt ttaaaaatga angggcccc agnnggaaaa attggnaaaa aattttttnaa 720
 tancntccna anggtnnct ggggntaaat tttttttaa aatccccctt aaaccagccc 780
 aaaaattatt ttggncct ttaaatttcc ctttnnntna aaantantac cntcttcagg 840
 aagnaaattc c 851

<210> 3145
 <211> 758
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(758)
 <223> n = A,T,C or G

<400> 3145
 gctcnatgct tngcnatgc ncctttgcgg attcatcctt tcgggaactt ttgaagagaa 60
 aaattcgagc tagagggatt cttaaagcct taagtactt gaaatctatg tatgtgcaac 120
 cctttgtctc tggaatcata ttactactaaa ctggaatctc aggtgaaatg agaataaccc 180
 agtggagtaa aaagaagaaa accgtttctt gatcaccact taattaacga tgctctttct 240
 ccaaaggatc agcacgttct tcctctgaga acttgaaaat acaaatggac cccatgtttt 300
 ttaagcatt accttttctt agaagactgc catcatcttt tatagaggaa ttttttact 360
 atgcantten gtggatcttt ataaaaact gaccttctaa ttagattcag gtcagtctta 420
 attaaagggg gaaaaaaagc aacgcaagcn caaccacagn aacnccatat tcccaaatga 480
 aaggaaaatt ggtttaaaat ttacacagcat taaacattac tttttaaagt aaaacnagtt 540
 catttgaaga aagtatgtat tgcancnant ggaacatggg cctggngctt ttgcagtggc 600
 ctccaacctn ctgtgcctgt ctggaanggg cgtgttccca agagtgagan ggagaagcct 660
 ggtgtncang aaacgctcct attaangaaa gnttnncttg gccaccgggc caacggggcn 720
 aagaatggtt tgggggtgnt ttnacctctt atcantgc 758

<210> 3146

<211> 880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(880)
 <223> n = A,T,C or G

<400> 3146

cgcttttttca	natcggtggc	tactcgttct	ttntgcagga	tcccatcgat	tcggttgagaa	60
cctgcctcta	tcccagaatg	tgctggagat	ttgacactca	natcantgtn	tngncttctg	120
cttggcncca	tanccttaacc	tgcaagtgnct	tcaaaatgcc	caatgccttg	tttccctatta	180
ccttanatng	cnnnccagtc	taggggaagtc	tatgagaaaag	tngcatttaa	ttaaagttaa	240
aaaaaaaaa	gggtgggcnt	tgnggctcat	gcctgtaate	ccagcacttt	gggaggctga	300
cgcggttgga	tcactagggtc	angagttcaa	gaccagnctg	nccaacatgg	tgaaaccctg	360
tctgaactnn	naatacnaaa	attagctgag	catgggtggcg	tgtgcctgta	tctnagctac	420
tcacganctg	nggcaggana	atcgcttgaa	ccannaggc	ngaggctgca	gtgagctgag	480
attgtgccac	tgcaactcaa	cctgggagga	caganctaga	ctcagtctca	aaaccanaaa	540
aaaangcent	tttttctggg	ttnaaatggg	ttnggaanac	tttttttttn	tttgggtccc	600
ntancctttt	ccctngaaac	ccctttttct	tgggaancccc	tnaancccaa	aaatttttat	660
tagccenttt	tttnannaag	gggggtttta	tncttaaagg	ggccttttan	ccttcaatnc	720
naaaaaaaaa	aaattgcccg	gcnaggncn	ttttaccoga	gttgcaaatt	taatttttnaa	780
taacccaact	ntgggccttt	aaaatttaan	annnaagntt	cttgggtnac	ccnannntnn	840
tnggggccct	tttttgnaaa	accctttata	ngggggggng			880

<210> 3147
 <211> 723
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(723)
 <223> n = A,T,C or G

<400> 3147

caatgcctgc	tngtcgtcgt	tgccgntcat	cgttcggttt	tttgggtgaac	actgatttta	60
ttggtgtctt	agatccctag	tctacccaaa	taattttaac	agtactgttt	tttctaatec	120
tgaagtctga	tatttatgac	tcattagcag	gaatcaaaac	tagtgatcag	tagaacactt	180
tcaaaataaa	aatttggaat	gcagactttt	atgaaaattt	aaaagtgtct	cttaacagaa	240
tatcatgggt	tttccataaa	aacttcttta	agtattgtaa	ttccagtctg	ccccaaacta	300
aaaaaaaaat	cttattaata	tgtcagtcac	taattgctag	tttgggctct	cattatttcc	360
tgttttttta	caattttgtg	ataattttat	tattggcaaa	ttaatacatc	aacacttaaa	420
tcattgacta	taataatacc	ttctggctac	ctctgtatca	accaaattct	gtagggtgca	480
acataaccca	gggaattctt	actggcaaaa	tgatcaatct	ggagtgtgca	tccactgtga	540
atggagcaaa	ttgccctata	cccattgata	acctagcttt	cttagtttgt	agatgtagga	600
aacaaaatag	tgacagagag	agaagggggg	ccacagggca	tggtatatatt	atcagcagtg	660
gaaaaaaaagt	gcatagatca	tttagtccaa	gaacttaaaa	ctaaattgag	ccataattta	720
ctt						723

<210> 3148
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 3148
 gcttcaatan ctttttctaa ngetcttttt gcaggattcc atcgattcga attcggcacg 60
 agagtaccca nanttgcna gagtntnntn actgatntag ccagggtggca atnatgagtg 120
 aatggatnaa naaagggccc ttagaatggc aagatnncat ttacnnagag gtccnagtgn 180
 canccagtga cangaatgag tttnaaggga tgggttttaa ctacagaccc agnctctgcc 240
 aatatngacc ttgtgaactt ccttgaagat ggcancatgt ctgagaccgg aattatggga 300
 catgctgtgc agactgttga aactntgaat gaaggggacc atagagtgag ggataagctg 360
 atgcattttg ttcacgtctg gagactgcaa agcatacagc ccacaggatc tgggaagagag 420
 aaagaacagc ctanagnaaa tggctngaga ngaaccacat tcccatcact gaacagggan 480
 acgcttcaag gactctctgt gtggctgggg ncctgactat ngaccaccca tatggtcana 540
 naaattncac cagctctnat gagantattn tgtcgcgtgt tcaggatctt antgaaggac 600
 atcttacant ttaccaanna naagncatga aatgtgacat tctgcttgaa naagacnata 660
 ttttatectc atnaatgttt aaatgtaaaa nnnnananaa aanactcgag ctntnaaatn 720
 tngtgagttt anang 735

<210> 3149
 <211> 798
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(798)
 <223> n = A,T,C or G

<400> 3149
 gcttctaatt cttttcgant ngcnntcntt gcaggatttc caaatncttg gntgcatect 60
 ctgatggcnc tgtaaagatc tggaaataga agaccacaga atgttcaa atcttttaa 120
 ccctgngcan caccgcangg acagatatta ccgtcaacag tgtgattcta cttcctaaaa 180
 accctgynca ctnggtgggtg tgcaacagat caaacacggg ggtcatcatg aacatgcagg 240
 ggccanattg tcagaanctt canttctggg annagagang gtngggactt tgnntgctgt 300
 gccctctctt ccggtgggtga atggatctac tnggtanggg aggactttgn gctctactgt 360
 ntnggtcan cnaactggcaa actgganaga actttgacag tgcaacgaga nggatgtgaa 420
 tggatttga catcancctc atcannaacc tgattgctac ctacagtnan nnatggactt 480
 ctaannctct ggannccatn antcaacttt tcttgataa atnagctcna aagcntntac 540
 tttaaatgaa gccatnntca tggtaatgtg cttttnatntg ttttttgccn nctgtttcta 600
 aancaaatac nattgtcnna aattnannnc cncaaataaa ttttttgtgg aaananttna 660
 tgnnttttna anttagcnaa nctnnccccn tntctctttg tgtgaanatt aagcttttaa 720
 aggggnagttt nggnnttant ccatnctttc naaactgggn tgnccgggtca acnttaaang 780
 ntcaaacaat taaanncn 798

<210> 3150
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

<400> 3150

gnntctatnc	tnggctcttg	ncttcttgca	ggatttctaa	tgcttggatt	cggcacgaga	60
tcacctggc	acgttcccc	cagctgggct	ctgcagggca	gctaagattg	ggcactgatg	120
ttcctggctt	cagtcctacc	cgggttatgc	agctacggct	tcatacatat	accagttgca	180
ctaaacttggg	atgaaaatta	agttaaaacc	agtagaaaat	ttcatcctat	gttttgggtg	240
taaaagaagc	aaatgaacaa	atgaatagag	gctgccaaac	agttgtctca	ccaactgttc	300
cgactagcta	acaagattag	ctaggtcata	cctagtcgta	aaagaatact	ataagaactc	360
agaaattcga	catatttcta	ctacttgctt	gtcatgtaga	taaacagatt	aaaagaacca	420
taaaaaaaca	aagagaaaat	aatagtagga	ttagagagca	tggtatcatc	tcattgggtc	480
acttggcctt	agaaagaggt	gtttatccat	catgaatatg	aatccagggg	tctgaatgga	540
tataagagaa	ccaaatgtaa	cagaaattta	atatcatttt	ttcctctgag	atgaaaacatt	600
ttacattttc	cagttttatta	gataaaatta	ctaaacatgt	tctagaccct	ggagttgtag	660
attttatgat	gttggctgct	gtggantggc	catgactggg	ttttcaaagt	ntaatttgat	720
ttctttttta	tc					732

<210> 3151

<211> 910

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(910)

<223> n = A,T,C or G

<400> 3151

gtnnncttca	ttcaatccct	ttgcanntgc	tcttttttgc	ggatccctcg	attcgaattc	60
ggcacgagct	tgacttccaa	ctgcccctga	gatttgnnct	ccagtataag	gggcaagcgg	120
gtgccctgga	ncgtccantc	ctnattcanc	nancangget	tggnntttnt	gnaaaaactt	180
gttgggnagtc	ctgncanaaa	agctgcggcg	gaaatgggca	ctgtggcttt	ccccgtttca	240
ggntgggtggn	gattcctgtn	gggagtgagc	aagaggaata	cgccaaaaag	ggacagcnga	300
ncctgcnggc	tgcaanactg	gtcagtgacc	tggtatgcana	ctttttgact	gaccttttag	360
accngagaaa	tcctaccggg	ccccannttt	gncccantaa	caaanntttc	angttttgnt	420
gggttnggcc	cataaaaana	gcaactgggt	ngaanaaaca	anttgaaacn	ttttcgggaa	480
aaaaangcta	ntttggngca	ccntttgccg	caatttgggg	anattttccc	tngnnaaaana	540
ngttttnncc	ccnttggttc	gacaattttt	cccnnaaata	ntctnnccgg	gtctnnnaaa	600
antntccngn	gngnanaaat	ttttttttng	gnnctcntnt	nanannnttt	ntnttgngga	660
tcnaaaaana	nttgntnatt	tgacaaatna	ngcncnaant	ataanntggn	aaanccccnc	720
aaacctgttg	aaaacaantg	tnnccccccn	aaattttttna	naaanactgn	ttggagaccn	780
aaattnttta	tnttctntnan	naaaaaaaan	ttttgttngn	gnnccccnctc	aatntgnggg	840
tggnnaacttt	tcatncnnan	ttnttttggn	taggtaaatt	ntnatcttct	ncttnaanaa	900
aaaaattcnc						910

<210> 3152

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3152

gnttnnnctt	tttcantnct	tggtctcogn	ctttntgcag	gateccctega	ttcgaattcg	60
gcacgaggtc	tagtataatc	ttgatgctca	aaccagataa	ggacaatata	agaaaggaag	120

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agtataggct aattctaccc aataactaaa tgaagtatta gcaaaccaga ttcatacaata 180
atctttttaa aatcaagaat taattggatt taggaatata acactgtgta taacaagttt 240
aagagaaata tatgagaatg ataagactgc aattgaaagt agaggcttcc tctggagggg 300
aagggtgagga ggatgtgatt tggaagaaca gcatggggag gcatcagttg tattgtaatg 360
tttatttttt aagctgaatg ataggtacgt agatgttcat tgtgttcttt ttgccttttt 420
gtatatctta aatatatggt agtgccatga ttagcaggct taatagcctt gtgagtttaa 480
atgtcacttt caaatgctgt atttttgggt gagttgctta aacacattcc ccttggnatc 540
tatacaacca gttaaaaaaa atcatgtata naccacccat tgaaaatata atggaaatgt 600
actgnatatg ccatttttcat gaaatggttg tgtcaaaggg gcttnttagg aaaaaaaaag 660
atcgtttaac tctttttgca tttaagtggg aaataaggtg ggctttngga aatagtttca 720
acccttgctt aaccagtttt ttttttcatt cttnn 755

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<210> 3153
<211> 805
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(805)
<223> n = A,T,C or G

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<400> 3153
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gtggtgtgat gaagctacag taggggagat cactcatgct aggtatggat ctccttacct 120
ttggcctctg aatcatattt tggcctatca aaaacagtgg gaagtcaaac gtaagatgaa 180
agctattgga tggggaaaga agactctgga ccaggtctta gaggatgtag accagtgtctg 240
tcaagctctc tctcaaagac tgggaacaca accgtatttc ttcaataagc agcctactga 300
acttgacgca ctgggtatttg gccatctata caccattctt accacacaat tgacaaatga 360
tgaactttct gagaagggtg aaaactatag caacctcctt gctttctgta ggagaattga 420
acagcactat tttgaagatc gtggtaaagg caggctgtca tagagttagt tgttagtctc 480
aggagtctta acttttgaaa tatgttttac ttgaatgtta catttagata tttggtgtca 540
gaattttaaa acccaaattt actggctttt tggaaacctt cnaaattata ttaatggtat 600
cttnatgnat tgtgccttta taattggcna ttttggggnn tttncntttt naaanaaaaa 660
ttcctngaaa tttattttta antccnggaa taatgntnng gnaattcctg nnattccttg 720
gnnaantttt tntggngttc cctttgggaa accantggcc ttngcctttt tannaaantt 780
aaaagncntt taaancaaac ctggg 805

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```

<210> 3154
<211> 766
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(766)
<223> n = A,T,C or G

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```

<400> 3154
tnnnnnnntt tcaatntttt ancgctccctt aggatecntc gattcgatcc agatgggata 60
cctctaaaca cgaaaagaaa gaagattcca ttantgaatt ttttaagttt gtttnatcaa 120
aagccgagcc acctangcaa cagtccaccc ccttagtaaa caaagaggaa nagcatgcac 180
cagaatcacc cgcaaatnag acagtcaaca aagatgtgga cgacaggct gaangagaag 240
gganccgcca tccatggact tattcatggc catcttttgc agttcctcat atgaaaagtc 300
ctnatcctgc gangatganc acggtgacag tnaanatgat caggcacgct ctggngagga 360
caacttccaa agctggnaag acactgactt ggnggaaaca tcatctgtgg ctcacgctnt 420

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tgtgccagng	ccctaggagc	cgtcaccttc	cttcccgata	caaangatgc	agatagatna	480
naganaagag	ntcgcccnng	ngctgcctcc	cgtcttatgt	nccaatgctc	gtcagacact	540
tgaagttnc	canaaagaga	aacattccaa	gaacaaagac	nagcacaang	gcaatanaga	600
acacagggcn	gaaagaattg	anangaaatt	ggaaacactn	gaagcacnaa	acacctaang	660
naatccaaaa	naattggcaa	accaggggaa	aagtaggtnc	ctnccngaag	tttcgacagc	720
cngcggacaa	gccanaattg	acnatgaaac	cgcatacgtg	tcttnc		766

<210> 3155
 <211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 3155						
ttngaaaach	ccttngcttn	gttnccccta	cngaaaccct	tttgaaaacc	ntttgcnann	60
tctctttnt	gnaggatccc	atcgattcgt	gaaagaggag	atcggtgacc	tgggtcctt	120
atgtgcctga	atgagtttga	gtttcctgtt	aactccaaat	caacagtatt	ttcaacaaga	180
aatgtgcaat	tgaaatcaag	tgctgtttta	gtgcagctag	gantccacag	gaagacactt	240
gcagtgaaca	gagttatgga	gcagcaaaaa	cacagatcta	tttggaaaaa	gagaaaacat	300
atgcgttgta	ttttgcttca	attataaaat	accatcctct	caaaggtggt	tctaaattac	360
aaaggacttt	gatttctagg	tagattctgg	gtagagactt	cctttcata	tgaggcatta	420
atgacacctt	ttaacctggg	aagcaatatg	actggagttg	tactttgaga	agattaatca	480
ggtttggttg	cagaatgaaa	gagaagatga	agtcaagaga	ttggtttaga	ggctctagca	540
gaagcttagt	catatttcaa	aatgatcaaa	tatcaagaaa	aattctgagc	tgcataactt	600
gtataaagta	attttcagtg	atttttttca	tggttatgat	aaaagaactg	gattagcaga	660
aacttttacc	ctgaatcaag	atttaatttt	tctttgagct	catcttaagg	atatcggaac	720
atagggagca	aacgatggtg	tggtgcctc	antgcttgaa	ttttaacngt	tttgaaan	778

<210> 3156
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 3156						
nanatccnnc	nantncttnt	tgttcntgtc	cgnangatcc	catcgattcg	aattcggcac	60
gaggtttcat	ttaagaagaa	tgantagat	anatgtgctc	ttctggttac	cccaccctga	120
cagagtgcac	ttttacacgg	ctagcagggg	ttgagactgc	agcctggcct	gccagccatt	180
ggagggtgtt	aaggaagggc	agataatgtg	actctttgcg	gggtgccatc	tgcttaccac	240
ttagcgagca	naggggggtt	ctgcgggtga	ccccagcat	atttctaggt	tacttatggg	300
cagatttgta	agtgacaaaa	ctccagctga	tgctgggaat	ggggagaggg	cccttgaggg	360
acttttggtg	tttggtgctc	tggtttcctg	gccaacccca	gggtcacttg	tctggaggcc	420
cagctgggca	ctaattgtctg	ccaccgacta	tgttaaagtg	tataaatgat	tcctctattt	480
gggagagatc	ttccaatcca	gaggagcccn	tcttggaactg	cctgggttaa	atctgcatan	540
cagangtggt	tgatgaagtt	catctgaaga	aattcagccc	cacctnccca	ccttgccntt	600
cctgctccct	tttgatagtg	gcttctgggt	actcgggenn	gtnccttgga	caccancctt	660
ntctgggggt	ctnaagccat	cccgttgggg	ctgtcggcca	agcctaagtt	aatcgtgtgc	720
ctntattggg	aggatngctn	ntcct				745

<210> 3157
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (762)
 <223> n = A,T,C or G

<400> 3157

ttnnnnnnct	ccnaatectc	engatnanat	cnccttgnan	ctncctgcag	gatcccatcg	60
attcgaattc	ggcacgaggt	ccatacatgg	agctccctgg	agcccgtgtg	ntntcgtgtg	120
actgaacgtt	ttgtgatgaa	aggaggagag	gctgtctgcc	tttatgagga	gccagtgtct	180
gaattgctga	ggagatgtgg	gaattgcaca	cgggaaagct	gtgtggtttc	cttttacctt	240
tcagctgacc	atgaactcct	gagcccgacc	aactaccact	tcctgtcttc	accgaaggan	300
gccntngggc	tctgcaaggc	gcanatcact	gccatcatct	ntcagcaagg	ngacntatat	360
gtnnntgacc	tnnagacctc	agctgacnct	nccttngtan	ggttngatnt	nggaagcatc	420
ccaaggngat	ttagngacnn	tggantcctn	atnactgata	anacncnaac	tatantnttt	480
tacccttggg	agcccaccag	caagaatgag	ttggagcaat	cttttcatgt	gacctnctta	540
acanatatac	tctgaatgaa	tctacgttgt	atztatcagg	nggacaatgg	gaataaagcn	600
ttntaaagc	accnantgga	catgaaagca	acagacacna	ggagnnaagc	cttgagacat	660
gtctgnnttc	tgaccgcatn	ttgatccant	gntctgtgan	ganttnttca	ctgaacattt	720
tcaagaggag	ggtgnatacc	cctggcaatn	gcccnaanaa	ag		762

<210> 3158
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (755)
 <223> n = A,T,C or G

<400> 3158

tgntttcccn	ctnagatect	ttctcacaac	cttgtantgc	tgcangatec	catcgattcg	60
cgtctgtaat	cccagctgct	tgggaggctg	aggcaggaga	atcacttgaa	ccctggaggt	120
ggcggttgca	gtgagcacag	atcatgccac	tgcactccag	cctgggcaac	aaaacgagac	180
ttcgtctcaa	aaaaaaaaaa	catagaattt	ggatcccttg	gtcgggttct	cccaaattct	240
tttgagggtg	ccatggtcaa	ctgcttcagc	tttgnnttgg	caaccccttg	cccgaanncg	300
catntaggct	gctcttcacc	ttgtttccaa	ggctgangaa	cagaaagtag	cctntgtttt	360
gaggangtng	aagttnanta	tacatnnatt	ttntactgng	actngntcag	gaccacattt	420
tacaaaatgc	ctngtttcc	tcattgnntc	tggaaaggaa	agttctatta	atattgnntt	480
actntgaata	tanaatagtt	ttnantaatt	agggcttatt	tnnaaaaatt	ctgagctaata	540
tcaaagtgtat	gccaatacct	tccaaagtaa	ggtaatatcc	anagacaagt	tgctgtnatc	600
anatggctta	nagaaaatct	ctggaatatt	cacattctaa	nattncttat	taatngaagt	660
tcctttgact	taaatctacc	aaaaaactgc	aacattantc	tttgncatnc	tcattatata	720
gngttaanaa	gcttatttca	nacnaataaa	atctn			755

<210> 3159
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 3159

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cgtctgtaat	cccagctgct	tgggaggctg	aggcaggaga	atcacttgaa	ccctggaggt	120
ggcgggtgca	gtgagcacag	atcatgccac	tgcactccag	cctgggcaac	aaaacgagac	180
ttcgtctcaa	aaaaaaaaaa	catagaattt	ggatcctttg	gtcgggttct	cccaaattct	240
tttgagggtg	ccatgggtcaa	ctgcttcagc	tttgttttgg	caacccctg	cccgaagtcg	300
catataggct	gttcttcacc	ttgtttccaa	ggctgaggaa	cagaaagtag	cctctgtttt	360
gaggagggtg	aagttaagta	tacattttatt	ttttactgtg	acttgttcag	gaccacattt	420
tacaaaatgc	cttgtttctt	tcattgtttc	tggaaaggaa	agttctatta	atattgtttt	480
actttgaata	tagaatagtt	tttttaatta	gggcttattt	tgaaaaattc	tgagtttaat	540
tcaaattgat	gccaatacct	tccaaagtaa	ggtaatatcc	anagacagtt	gttgatgatca	600
gatggcttag	agaaatttct	ggaatattca	cattcgaaga	ttccttatta	atgaatgctt	660
tgacttaaat	ctaaccaaaa	actgcaacat	tattctttgt	acattttcat	tatatagtgg	720
taacaagctt	agttgcaaac	aaatgaaata	ctt			753

<210> 3160
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 3160

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ttcggcacga	gagtacccag	agttgcgagg	agtttttttaa	ctgatttagc	cnnntggcaa	120
tcattgagtg	atggatgaag	aaaggccctt	tagaatggca	agattacatt	tacaaagagg	180
tccgagtgc	agccagtgc	aagaatgagt	ataaaggatg	ggttttaact	acagaccag	240
tctctgccaa	tattgtcctt	gtgaacttcc	ttgaagatgg	cagcatgtct	gtgaccggaa	300
ttatgggaca	tgctgtgcag	actgttgaaa	ctatgaatga	aggggaccat	agagtgaggg	360
agaagctgat	gcatttgttc	acgtctggag	actgcaaagc	atacagccca	gaggatctgg	420
aagagagaaa	gaacagccta	aagaaatggc	ttgagaagaa	ccacatcccc	atnactgaac	480
agggagacgc	tccaaggact	ctctgtgtgg	ctggggctcct	gactatagac	ccaccatatg	540
gtccagaaaa	ttgcagcagc	tctaattgaga	atattctgtc	ncgtgttcaa	ggatcttatt	600
ggaaggacat	cttacagctt	ccaatgagaa	gccaagaagt	tgtgaacata	ctgattgaaa	660
aaagacttta	ttttaatccc	tcattaaaaan	ggtttttaaat	gttaaaaaaaa	aaaaaaaaaaa	720
acttcgagct	tttaaaactat	ngtgagtcga	ttcntataa			759

<210> 3161
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3161

ttctcctgaa	acgcttngca	cttccctcnc	tgcaggatcc	catcgattcg	aattcggcac	60
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gagacactgt cccactccat caccagggct ggagtcaggt ggtgtgatca tagctcgctg 120
caccctccag ttcttggtt caagccatcc ctctgcctc agcctcccca gtagctggaa 180
ctacaggtgt gtgccatcac acctggcttt acatttttct gtggggctctt actatgttgc 240
ccaggccgggt ctcaaactcc tgagctcaag tgatcctctg nctcagcctc cagagtatct 300
gggattacat atgtcggcta ccgtgtctgg ccgttcacat ctttgccac tattngcttg 360
tgaaaaggta tnatgagggt gtacttatca tngttactgt gtctcatgtt nngtatattt 420
ttgcttcate aactaagatg cactgtaaca tctgtgaaat ctggatatat tatcaaangg 480
tttatcatag ttttgtaaac aatacactgt cgttttactn ggtgcctaan ataatgggtat 540
agttgngagg tgatcttaga tttgatgaag cacagtatgc aangtaggcc taatggnggg 600
aaagaatggg naattttcan angcnnggaa gtatttgntn ttttgtaaat ggacttgaaa 660
agcttggtct gnnnggattg acccaacccc ttccctttn aaaccccgaa ttctnatnga 720
ctnttccaac ttngaaaact ttgctcnaac ttaaatacct ttnaaaaatt aacctgacc 780
ccg 783

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<210> 3162

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (772)

<223> n = A,T,C or G

<400> 3162

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ntntttgaat ctttgaaata cttttgctat ngttctttnt gcaggatccc atcgattcga 60
attcggcacg agaggttgct cactgaagg agcacaggag ggttttccag gccatgtggc 120
tcagcttctt caagcacaag ctgcccctca gcctctacaa gaaggtgctg ctgattgtgc 180
atgacgcagc cctgcgcag ctggcgcagc ccacgctcat gatcgacttc ctcacccgcg 240
cctgcgacct cggggggggc ctcagcctct tggccttgaa cgggctgttc atcttgattc 300
acaaacacaa cctggagtac cctgacttct accggaagct ctacggcctc ttggaccctt 360
ctgtctttca cgtcaagtac cgcgcccgtt tcttccacct ggctgacctc ttctgtctt 420
ctctccactn cccgcctacc tgggtggccgc ctctgccaag cggctggccc gcttggccct 480
gacggctccc cctgaggccc tgctcatggt cctgccttct atctgtaacc tgctgcccgc 540
gcacctgccc tgccgggtcc ttgtgcaccg tccacacggg cctgagtttg gacgccgacc 600
cctacgacct tggagaggag gaccagccc aagaccggg ccttgggaaa acttccctgt 660
gggaagcttt aagnncttc nanangccac ttaccaacc ttgaggggnt ccaaangccc 720
gccanccggg nattaaccaa ggccttggn aatgcctgaa ggtcaaacaa tn 772

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<210> 3163

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 3163

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tcnnnncnctt ttcatcttt tgagcttgc ctttgaaccc cttggntacg anttcggcac 60
gagggaacca tgananccna gagctagaat tgctattgga tnnctctat tctctntttg 120
cttattgggn cgnntnctgt ggttcttggc ctcannggtn nccccgaang anggggtatc 180
tnngagcnan ttntgcnnnt tacnggctag cttgntgggg gcttaanntg ccactnttan 240
acatgctnta ctantcantg agannntnct ntcgacctn tannaacnct ctgtgnntc 300
cngtacnctn tggccgnatg gagctattag cttcaanatg nntcgnantg ttacatgcan 360

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ncactgannt	nactatccan	natntaagtn	ctcttngctt	actgtgaaca	nnngctactn	420
ncttggatat	tatagnaagg	ntcnttgata	cnegatnate	ntncntgtca	gatenataaa	480
tancanctat	accnactgt	naaatnccat	ctggnggnet	tnenatccan	acataattgc	540
attannncgt	cnaattgnga	tanagtnttg	aaagantctn	ggtttagaen	ttggatgttg	600
caatgnttgt	gncttanaan	ttatgtgctg	gctactgant	aanctggggg	catgaentta	660
ctggnttgac	ctaagnngng	aantcnatgg	cccgattgct	ggncctanc	cttaagnttt	720
gccatgaata	ggncctttgc	cctaaaataa	naccctttt			759

<210> 3164

<211> 853

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(853)

<223> n = A,T,C or G

<400> 3164

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categattcg	aattcggcnc	gaggatcagc	ccacctcggc	ctcncaaagt	gctgggatta	120
caggcgtgag	ccaccttgcc	cagcccacat	catacagttt	gaaatgaaac	tttgccacaa	180
ccagcctttg	ctgtagcaca	cacatatatc	actgaacctg	tttgaaataa	agtttttttt	240
ctttntcctc	tgggtattctg	ggttctgaag	tctgggtatc	tgggtattctg	ggttcaaaag	300
tatgacttga	gagtgttgct	ctgggtattct	gagagttgct	ctgtattctg	ggttctgaag	360
attatttgaa	aaataactcc	tactacattg	aaatgcagac	ttaaaaattt	aaacattgga	420
ttangcagtc	aaaaaaacca	agcaagcata	aaagggtcaat	aagttgtaat	cttgatagta	480
aagggtgaaa	acttattata	aatggnaang	aaagttttat	ttcctttttt	gtttgaatgg	540
gcaagtatgc	catattatac	ccaaaagttc	ttttaaaaaa	atatttccca	ttcaacccat	600
ttttaattna	aaattaaaac	cattttgnaa	gggaaanttt	acccaanggc	aanctttttt	660
tttccctcaa	aaaggttnac	cntgttnatc	cttctttttt	ggnaaattta	nccaccaatt	720
tttttaaagg	ngggncaatg	gggnttaaaa	ntanccctgn	aagnnathtt	ttanancctc	780
cagggttaaa	antccccttg	gatnggggtc	taacctgggn	gggtngnata	naaaaaaata	840
nacctnttt	anc					853

<210> 3165

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 3165

gcgttctttg	aaagccctnt	tttgaaaggc	ttgcttctaa	ttacgggaaa	cctttgcaac	60
tgcagatccc	atcgattcga	attcggcacg	aggaccaggg	tagaccagct	caagagttca	120
tgttctttgt	nacccctctg	tgagctctct	gtaagtcnnt	ttcttgccca	tcaccacatc	180
cctagtactg	gggtatcagtc	tggecaactg	gctttctggg	ttgccccaat	gtgggtctatt	240
cttgatgcag	ctaccaaagt	aatgttttaa	aaccattata	ccaagttact	atccttgtca	300
aaacccccag	taactgccaa	tctcacttag	aataaaaatc	ggactcctgt	gaagcacagc	360
ataaactggc	cactgcctat	gcagcaacct	catctttacc	gnttccctgcc	ttgctcactc	420
ccttccagcg	ccgttattct	tcttgatgcc	cctagtacac	aacaactcct	tctgtctcca	480
agagtaggaa	aattactggg	ctctctgcc	gngagaance	tcttctggna	ttacctttgc	540
ttcattgcng	aatcttctnc	aatatcatct	tctaaaaaga	gccttttaaa	aatcaccttt	600

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nctatnatgc cctactcatt tccagtcctt gaaanggcc a tccccacttn antannactt 660
attgctaachn tgaaatacac taaatgnnan ccttcacgaa nggtanggcc anttaaactgc 720
nttngcactg gnnaggcnaa gagaacaagc ancntggntt canaagn 767

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<210> 3166
<211> 767
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(767)
<223> n = A,T,C or G

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<400> 3166
gcgttctttg aaagccctnt tttgaaaggc ttgcttctaa ttacgggaaa cctttgcaac 60
tgcagatccc atcgattcga attcggcacg aggaccagc tagaccagct caagagttca 120
tggttctttg natcctcctg tgagctctct gtaagtcnnt ttcttgccca tcaccacatc 180
cctagtactg ggtatcagtc tggccacttg gctttctggt ttgccccaat gtggtctatt 240
cttgatgcag ctaccaaagt aatgttttaa aaccattata ccaagttact atccttgta 300
aaacccccag taactgccaa tctcacttag aataaaatcc ggactcctgt gaagcacagc 360
ataaactggc cactgcctat gcagcaacct catctttacc gnttcctgcc ttgctcactc 420
ccttccagcg ccgttattct tctgatgcc cctagtacac aacaactcct tctgctcca 480
agagtaggaa aattactggt ctctctgcca gngagaancc tcttctggna ttacctttgc 540
ttcattgcng aatcttctnc aatatcatct tctaaaaaga gcctttttaa aatcaccttt 600
nctatnatgc cctactcatt tccagtcctt gaaanggcc a tccccacttn antannactt 660
attgctaachn tgaaatacac taaatgnnan ccttcacgaa nggtanggcc anttaaactgc 720
nttngcactg gnnaggcnaa gagaacaagc ancntggntt canaagn 767

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<210> 3167
<211> 767
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(767)
<223> n = A,T,C or G

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<400> 3167
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tgcagatccc atcgattcga attcggcacg aggaccagc tagaccagct caagagttca 120
tggttctttg natcctcctg tgagctctct gtaagtcnnt ttcttgccca tcaccacatc 180
cctagtactg ggtatcagtc tggccacttg gctttctggt ttgccccaat gtggtctatt 240
cttgatgcag ctaccaaagt aatgttttaa aaccattata ccaagttact atccttgta 300
aaacccccag taactgccaa tctcacttag aataaaatcc ggactcctgt gaagcacagc 360
ataaactggc cactgcctat gcagcaacct catctttacc gnttcctgcc ttgctcactc 420
ccttccagcg ccgttattct tctgatgcc cctagtacac aacaactcct tctgctcca 480
agagtaggaa aattactggt ctctctgcca gngagaancc tcttctggna ttacctttgc 540
ttcattgcng aatcttctnc aatatcatct tctaaaaaga gcctttttaa aatcaccttt 600
nctatnatgc cctactcatt tccagtcctt gaaanggcc a tccccacttn antannactt 660
attgctaachn tgaaatacac taaatgnnan ccttcacgaa nggtanggcc anttaaactgc 720
nttngcactg gnnaggcnaa gagaacaagc ancntggntt canaagn 767

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<210> 3168
<211> 754

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<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(754)
<223> n = A,T,C or G

<400> 3168

tttggagntc	tttcttttcta	atncttggct	actngntctt	tntgcaggat	cccatcgatt	60
cgaattcggc	acgagcggac	ccatcgggagc	gtaacctgga	tctccgcagg	cctggcggag	120
gccggccacc	tggaggggca	ttgcttgggt	cgcgtggtag	cagaggagct	tgagaatggt	180
cgcattctac	cacatacagt	tctttacatg	gctgattcag	aaactttcat	tagtctggaa	240
gagtgtcgtg	gccataagag	agcaaggaaa	agaactagta	tggaaacagc	acttgccctt	300
gagaagctat	tccccaaaca	atgccaaagtc	cttggggattg	tgaccccagg	aattgtagtg	360
actccaatgg	gatcaggtag	caatcgacct	catgaaatag	aaattggaga	atctgggttt	420
gctttattat	tccctcaaat	tgaaggaatn	aaaatacaac	cctttcattt	tattaaggat	480
ccaaagaatt	taacattaga	aagacatcaa	cttcaactgaa	gtaggtcttt	tagataaccc	540
ctgaacttcg	tgtgggtccct	tgtctttggg	tataaatgct	gtaagggtgg	agccantaat	600
tntctgcaan	aagtangnca	gcacttttca	gtgatttgaa	tatcatcttg	gcttngange	660
cangtggaca	acctgtcat	aactgacttc	tgaaaagaac	cctntngata	tttgatgcct	720
cnggtgtngg	tggaactgtc	atttantngg	anna			754

<210> 3169
<211> 734
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(734)
<223> n = A,T,C or G

<400> 3169

tctgnnctnt	gtntccttgc	tctgtttctt	ttgcaggatc	cctcgattcg	aattcggcac	60
gaggactgga	gaagtcagaa	gtagaaaagc	agattgctag	gagagacagg	atgacagatt	120
ttggtcagaa	aatgggatat	tggagttaa	agtatcaaat	acagaatagt	tccagatgtt	180
cagagatcca	gcatgggatt	aggtactgaa	atggattaga	actaaaagtc	actagaattt	240
agaaattgag	aaccatgaga	gtggatgcaa	tgacttggtg	cttgattgaa	aaataaatta	300
ataataataa	aggaccatga	gactagcctg	ttataggggt	tatctccatg	aacattgaat	360
tttcccagga	tcatagcagg	aattgggtag	agaaaaagat	tatgagaagg	tgccagagtc	420
ttcagtgaat	gtcaggaaat	taccaggaag	tcagcatatg	acagagaaaa	ggacagtatg	480
ttatctgcat	caaaggaaaa	tgtgcttttg	ttgaaaagta	cagaaaaagc	caatactaca	540
atactgtgct	aagcccctac	ctgtactcct	ctcccacagc	tgcatccag	ccctgtggta	600
taaaagggtg	gagaatgagc	ttttccacca	gaatcagcag	gtttagttaa	agcatgagca	660
gaacaagcat	nctatgaaga	gactgaggat	gtaggtgagt	ggtctaaatc	tcatnnaagg	720
acattgcagt	ngat					734

<210> 3170
<211> 730
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(730)

<223> n = A,T,C or G

<400> 3170

gaantccttn nntttnaaat cnttggctac ttgttctttt tgcaggatcc catcgattcg	60
aattcggcac gatctagata ttgcccacac gctgcccaca gtgcacatac ctttccacca	120
gtcacatgtg agagggcaga ttttccaaat gctcatcacc acttggcact gtgtggacta	180
taattttggc cagttaggaa atggcatctc attgttttca tettaatttg cgtcagcctg	240
attactcatt gaaacttgtg aggttgagaa actttttctta agcttatttg ccattcaagt	300
ttctctcttt atgaaatggg ttgtcatgtc atttgcctcat ttttatatta gattgttttt	360
cttttttcca gctgacttgt aggaactcta catcttatca atattaatca tttatcgaaa	420
actatttggg tgccattatc ttctcctagt caatgttttt tgtttgtgat atcttttata	480
atatataagt ttttaatgtt ggcagaagta aagttaatct ttttggctgt gttgtgtgtc	540
ttgtttgatg taaagatagt ttctgtaata gttttgcagt ttgattgggc atcttttaggt	600
cttcaattac aacctgcaca ttcatccttc tatectcttt cttactctgg ttttctccat	660
agcacttate atccaataat atggcatgca cttattttaat ctgggtttgca tatatatatt	720
ngctggtacg	730

<210> 3171

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3171

nggnttcnnt ctaactnaaa cngttingna actcncctct ntctgtngat cccatcgatt	60
cgctaacaag cgattctaaa ccacctatga gtatttcttt tagggctcac ttaaatacat	120
gtttgtatat actgtattct agccagaata atttttagatc tgatcaggta gtagctaaaa	180
ttagaaaaaa acaaaataga tgcttaaaga atttgcattc atttttgagt ctaaatcttt	240
taaaatatac tgagatccac atctagtga atgtcagtgt caaaatatta tagattatag	300
ctaaaatcca gattaatact catttggggg tttttatagt ggaacttcat agtaatacaa	360
aaagcagatt gtcttctctgt ctccgctgct cccacagtag gtattgaaac tggtaaaatc	420
agttttttga tagtgtgtgt atataagaaa aaatagatac acacattctt ttttctcagt	480
caacacattg attgaacact ctggcaaaga tgctgtgggt gatgangttg gagttcgaaa	540
agaagaagca agcgctggcc tgccttgaaa gaaccggaaa gtcttttccca ttcacttctc	600
tagaaagctg ccaagacaga ngcagaaaag aaatggatga tagttctgtc aagcacactt	660
ctgntctcnt agaacttaga aatgggttcta agagaacaga agttatngag aacagttcnt	720
gtggaattca acatcttggg tgggaacncat tggccttt	757

<210> 3172

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3172

cnaatncttg ctcttgnct ntttcnaatn cttggcnact cgctttctnt gcggatccct	60
cnnganncna tcgttcgaat tcggcacgag cacaaggaga agaaagttaa ttaacattga	120
aagatgagaa gacatcttgg aagacttgaa ttgggccttg gaagaagaac agccattcaa	180

atagatagaa	ttgtggtagc	aaaggcatac	ngntcggaaa	gtatagatct	ccagggacag	240
tagtcatggg	gttggggcac	tgttggaatt	taaggttgga	aggatatatt	ggagcccctt	300
gaatacggta	acaaggcaca	ccttgggcag	tggagagtta	tcagagtgtt	tgaaaaggag	360
ggttattgag	taaataaata	gactgggtact	ttaggaatth	taaaatgtgg	atcattgtac	420
tactaataac	tatntattht	atatttacta	tctactaagt	aattttacatg	tattttcttg	480
tactgactgt	aaaccttctg	ggtgtgggtg	ttttaagtgc	cattttactg	ataaagaaac	540
tgangcttaa	atagntgaaa	tanntcaccc	tgtagtgag	tggcacaatg	acaagtcann	600
atcttanggt	tgcenanntc	caaaaanncat	ttaaanttnn	agnatnattg	annnttttnc	660
cttatggcnt	nnnaaatttg	gggagccatt	attgaaatcc	nttacnact	angaattgnc	720
caaaaaaat	actttttggg	gaaaactgga	tttattaatt	atccaaaata	atttnantgg	780
cttgnttggc	ttntttccac	tntnc				805

<210> 3173

<211> 886

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(886)

<223> n = A,T,C or G

<400> 3173

cggnnnnnnn	gnagccentt	tggnaaangc	ctctaaggga	aangcctttt	tgaaaacnan	60
angaaaacct	ntgggaaaag	nccncannna	ttttngngaa	annggcnnng	gcnnanantn	120
ggacacngtt	ntaannnnan	nagngnnngt	tttngngana	agggnnnnna	gnngnannna	180
ngngnnggag	ggaannaagg	nanagnannn	ggnagnnaag	gnnnnaaaga	agnagnnang	240
gaganggnnn	gngngggggc	atgangnggg	nncagaggga	cgaggagccc	aagaccatca	300
cngangagna	ngagcagggg	accnacatnn	acnnggacna	cgagaagngg	ggccagcgga	360
agaagggaagg	nagnacctng	agnaccgnta	ccaggaggan	cgggaccnac	agngacanag	420
gnccnnnncn	anacggannn	nanaaacgng	aagcaggann	nnnanggacc	aagggaaggg	480
nncngnncnn	ggaaaganng	ggagggaggn	ncgaaggcaa	aggggggann	cgnnannncc	540
aggaagnang	gaaggggggn	cgggagggna	annanaaaga	ngaaccnngg	gggnncaggg	600
gggcgagggg	agcanaannn	nnccnnagnc	aanngaaggg	gananaagag	ngggaaaann	660
aannagaaag	agggaaaana	agnnaaggaa	anaaaagang	ngnnaannng	ggananaana	720
ngngganann	gnngganana	ngngnannan	aaaanngagg	aggnncannng	gnaaaanaana	780
nggggagggg	ngananaana	ngaannagac	aaggaanagn	gaannagnng	anagnannng	840
gnannaaagg	nannggggna	anaagnanna	nannnnnagn	gaagan		886

<210> 3174

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 3174

gcttttnann	nccctncttt	cnaancctct	tcaaatcctt	ggntatcggt	ctntctgnng	60
gatcccatcg	attcgaaatt	ggcacgagag	acaaagaaaa	aggtggcaat	catagaagag	120
ttagtagtag	gttatgaaac	ctctctaaaa	agctgccggt	tatttaacct	caatgatgat	180
ggaaaggagg	aaccaccaac	cacattactt	tgggtccnnt	ntacttggc	acaacattat	240
gacaaaattg	gtcagccatc	tattgctttg	gagtacataa	atactgctat	tgaaagtaca	300
cctacattaa	tagaactctt	tctcgtgaaa	gctaaaatct	ataagcatgc	tggaaatatt	360

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aaagaagctg caaggtggat ggatgagggc caggccttgg acacagcaga cagattttatc 420
aactccaaat gtgcaaaata catgctaaaa gccaacctga ttaaagaagc tgaagaaatg 480
tgctcaaaat ttacaagggg aggaacatca gcggtagaga atttgaatga aatgcagtgc 540
atgtggttcc aaacagaatg tgcccaggct tataaagcaa tgaataaatt tggatgaagca 600
cttaagaaat gtcattgagat tgagagacat tttataggaa atcactgatg accagtttga 660
ctttcataca tactggatga aggaagatta cccttagatc atatgtggac ttattnaaac 720
tatgaagatg tacttttnaca gcatncattt tacttcaagg cagcaagaat tgcttttaga 780
c 781

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<210> 3175
<211> 775
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (775)
<223> n = A,T,C or G

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<400> 3175
gnttttnnatn cctcttttcta atnncttggc tactcgntct ntctgnanga tcccatcgat 60
tcgaattcgg cagcagagat tatgagcatg tagaagatga aacttttccct cctttcccccac 120
ctccagcctc tccagagaga caagatggtg aaggaactga gcctgatgaa gagtcaggaa 180
atggagcacc tgttcctgta cctcccgccg ccgaacagtt aaaagaaata tacccaagct 240
ggatgctcag agattaattt cagagagagg acttccagcc ttaaggcatg tatttgataa 300
ggcaaaattc aaaggtaaaag gtcattgaggc tgaagacttg aagatgctaa tcagacacat 360
ggagcactgg gcacataggc tattccctaa actgcagttt gaggatttta ttgacagagt 420
tgaataacctg ggaagtaaaa aggaagtcca nacctgttta aaacgaattc gacttgatct 480
ccctattttta catgaagatt tttgttagca ataattgatga agttgcggag aataatgaac 540
atgatgtcnc ttctactgaa ttagatccct ttctgacaaa cttatctgaa agtgagatgt 600
ttgcttcttg agttaagtag aagcctaaca gaaggagcca accacaaaga attgagagaa 660
atnaacaact gggccttngg aaagaaangc nggccaagct gcttgagtaa tagtcaganc 720
ctanggaaat gatntggtta atgaattcac cccaggncac acccngttga agagc 775

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<210> 3176
<211> 754
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (754)
<223> n = A,T,C or G

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<400> 3176
tgnttcta at gctngctctc gttctttctg caggatccca tctattcgaa ttgatgagcc 60
ttattaacta tcttttccatt atgagacaaa ggttctgatt atgcctactg gttgaaatct 120
tttaattctag tcaagaagga aaatttgatg aggaagggaag gaatggatat cttcagaagg 180
gcttcgccta agctggaaca tggatagatt ccatttctaac ataaagatct ttaagttcaa 240
atatagatga gttgactggg agatttggtg gtagttgctt tctcgggata taagaagcaa 300
aatcaactgc tacaagtaaa gaggggatgg ggaagggtgt gcacatttaa agagagaaaag 360
tgtgaaaaag cctaattgtg ggaatgcaca ggtttcacca gatcagatga tgtctgggta 420
ttctgtaaat tatagtttct tatcccagaa attactgcct tcaccatccc taatatcttc 480
taattgggat catataatga cccactcttt cttatgttat ccaaacagtt atgtggcatt 540
tagtaatggg aatgtacatg ggaatttccc actgacttac ctttctgtcc ttgggaagct 600
taaactctga atcttctcat ctgttnaaat gtgnattaaa gtatctacct aactgagtng 660

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tgantgtant gaaagaaagg ncatatntta aacnttgaat ttancaagcc cacnctcgna 720
 ttttatgncc tttcttttgc ctnggggattg aanc 754

<210> 3177
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3177
 tannnnnttnc tntannnttt ctgangccct tntgcaggat cccatcgatt cgaattcggc 60
 acgaggagat ctctgggatg tcagtgagggc tgggtgaaga ccagaggtaa actgcagagg 120
 tcaccacccc caccatgtcc caggtgatgt ccagcccact gctggcagga ggccatgctg 180
 tcagcttggc gccttgtgat gagcccagga ggacctgca cccagcacc agccccagcc 240
 tgccacccca gtgttcttac tacaccacgg aaggctgggg agcccaggcc ctgatggccc 300
 ccgtgccctg catggggccc cctggccgac tccagcaagc cccacagggtg gaggccaaag 360
 ccacctgctt cctgccgtcc cctgggtgaga aggccttggg gaccccagag gaccttgact 420
 cctacattga cttctcactg gagagcctca atcagatgat cctggaactg gacccccacct 480
 tccaactget tccccangg actgggggct cccangctga nctggcccag agcaccatgt 540
 caatgagaaa gaaggaggaa tctgaacctt gggtaaggat ttggggcaca gtaccaggaa 600
 gggggcttgg tgccagacct tatgaggaag aaggatttct ctatgtacag agaangggac 660
 cctgtntctgt tgggaagtgc ttgtgcaaac ctaaccaagt tactaacccc tctgntttct 720
 gtgctacaca aaggggataa att 743

<210> 3178
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 3178
 gatgtttnnn annctgggtc taatncttgg aaanctnenn ctttgttann ngcnntttct 60
 gcaggatccc atcgattcga attcggcacg agcccagctg gacctggtgg ccctttccta 120
 gtgcctctgc tgggggagga gaacctctgt ccacgtggag gctaggagggt ctcagggtgct 180
 gccttggcag caccagagtg tgggccgggc ccgagtgtct gcccctcggc cctcagggtg 240
 gggcacttag caccagaag ggaccaaag cagggcatgg cgggtgcagag gagtttggga 300
 ggtgtaaaca gcccattgca cgtggaggag gagctggctt tcagccccag accccacgct 360
 agcactttcc acgctgcttg cccgctgttg atgtgcagtt cccagtgcct gtgtgagccg 420
 acatctgtct agtcctatcc ctctgcagcg tgtggagacc cagctcctgc aagcccttct 480
 gcttccacgc ccccagacag cttgggtggag ggtcctgcat ctggggccaag ctgggggtgca 540
 cccagccaaa gacaaagctg ccttcacgtg cccaaaggat tcaagatggt gcactggccc 600
 cgggaggagt cttgacaaa aatgggagcc cgctcttctg gggaaanccc cgacttcccc 660
 caccnanaaa ccgntccac ggtgccggan cttccccctt ttcctttgtg ggggcaacaa 720
 nattggcctt gggcnctttc aattntnctg gaagctttcc tgggtgtngg cttttgacct 780
 taaaat 786

<210> 3179
 <211> 765

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (765)
 <223> n = A,T,C or G

<400> 3179
 gttgaantcc ttcctttcaa atngcttggc tactcgntct ntntgcagga tcccatcgat 60
 tcgaattcgg caccagccca catgtaccag gttgagtttg aagatggatc ccagatagca 120
 atgaagagag aggacatcta cacttttagat gaagagttac ccaagagagt gaaagctcga 180
 ttttccacag cctctgacat gcgatttgaa gacacgtttt atggagcaga cattatccaa 240
 ggggagagaa agagacaaaag agtgctgagc tccaggttta agaatgaata tgtggccgac 300
 cctgtatacc gcactttttt gaagagctct ttcagaaga agtgccagaa gagacagtag 360
 tctgcataca tcgctgcagg ccacagagca gcttgggttg gaagagagaa gatgaaggga 420
 catccttggg gctgtgccgt gagttttgct ggcatangtg acaggggtgtg tctctgacag 480
 tggtaaatcg ggtttccaga gtttggtcac caaaaatata aaatacacc aatgaattgg 540
 acgcagcaat ctgaaatcat ctctagtctt gctttccttg tgagcagttg tctttctatg 600
 atcccaaaag aagtttttct aaagtnaaaa ggaaaattcc tagtggaatt cancccccaa 660
 gggaaaaaag cccacttgnc cacannagga agcenggnntn ccccttngtt ccggcttaan 720
 ggccccctgt tcaggaaacc aactggggg ancttntttt ttttn 765

<210> 3180
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (783)
 <223> n = A,T,C or G

<400> 3180
 agttgaantn cttgctacnn aaaacctttg gcnactngct cttnttgnag gatcccatcg 60
 attcgcaaag atggtcgat tactaaagg gaataaccag cgcggnnngc acgtggagtc 120
 actggaacat ttgtgcaatg ctgggtggaa tgtcaaccgc tgcggccctc tgggaataagc 180
 ctggcagctc ctccaagagt taccngtgga cccancaatt ccaactcctag ctccaccac 240
 aggaattgaa agcaaanacg caaacagatg cctgtncacc aaagttcacg gcagcatnct 300
 tcgncatagt ggcagcatcc gtcgtcacag cggcatcatc cttcatcata gcggcagcat 360
 ccgtcgtcac aagcggcagc atccttcgce acagnggan gcactgtctg tcacancggn 420
 agcatccttc gacaaagcgg cagcatnctt cgtnatagcn gcagcatcct ttgccatanc 480
 cggcaagggtg gaaaccctgt ccateccactg aggcgtgcat agactaaaca tgggcagtc 540
 agcactggaa ttccaagccg tacaacggng nccacngtca aaaangaatg aggaccctga 600
 ngcacctgng cnganaacaa gaacnngcga nnccaanact tttnagacat tattgcctta 660
 agtngaaaaa cccagngcac caacgggaaa ccngaccgnc ntgnanccct gnttaacntt 720
 nantnngttn cccgaaaatg ggggcacntt nccaaaaagg ggaataaaaag gggagaattn 780
 cct 783

<210> 3181
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3181

gnnttgaaat	ncchttnttt	caaattncntg	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgagna	atgcaaaggg	ctgcagttct	cattcaggct	actttcagga	120
tgcacagaac	atatattaca	tttcagactt	ggaaacatgc	ttcaattcta	attcagcaac	180
attatcgaac	atatagagct	gcaaaaattgc	aaagagaaaa	ttatatcaga	caatggcatt	240
ctgctgtggt	tattcaggct	gcatataaag	gaatgaaagc	aagacaactt	ttaagggaaa	300
aacacaaaagc	ttctattgta	atacaaggca	cctacagaat	gtataggcag	tattgtttct	360
acaaaaagct	tcagtgggct	acaaaaatca	tacaagaaaa	atatagagca	aataaaaaaga	420
aacagaaaagt	atttcaacac	aatgaactta	agaaagagac	ttgtgttcag	gcagggtttc	480
aggacatgaa	cataaaaaaaa	cagattcagg	aacagcacca	ggctgccatt	attattcaga	540
agcattgtaa	agccttttaa	ataaggaagc	attatctcca	cattagagca	acagtagttt	600
ctattcaaag	aagatacaga	aaactaactg	cagtgcgtcc	ccaacaagtt	atttgtatac	660
agtcttatta	cangancttt	aaagttccaa	aaggatattc	aaaaatatgc	caccgggctt	720
gccacactta	attcagncat	tctatcnaat	gccccagggc			760

<210> 3182

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3182

ggnnntnnna	gnntttgaan	tcctttntnt	tctaattcta	ggcttctngt	tctttttgca	60
ggatcccatc	gattcgcctca	gctgaggcaa	ttaaactgga	aaagaaatag	attgaaaaga	120
tactacagaa	gaagcagtac	agaagttggg	ggactgaagg	agagggagcc	actgcagggtg	180
ctagctgctt	aaggggatac	cagtcctttt	acagatataa	tagatacagc	ttctgaggtg	240
gaggggtgata	ggagtgtgta	gagaaattgc	agttcagAAC	tggagcatgc	agttaggcaa	300
gaggcatccc	atgtgaagat	gtcaagcaag	tactggaaaa	tgctgaacta	aaactcaggg	360
atggatatgt	agatttagag	aacttcattg	tagaggcagt	cattgaaagc	taaaagggtc	420
gataataaaa	ttgccaaagga	tggaaatagt	aagagggagt	cagtgttatt	aggattagaa	480
ttctgttttg	ttttttcttt	aaacagattc	tcgctctgtc	accctggctg	gagtgaagtg	540
gtgtgatctc	ggctcactgc	ggcctcgacc	tcacaggctc	aagttatcct	cccaactctc	600
agccttccaa	gtagctggga	ccacagccat	tcaaacacat	gcctgcctta	tgtttggtt	660
tttttgtana	aaccaaggtt	ttgccatgtt	tnccaggctg	gnctnngaac	ttctgggctt	720
aagccattcc	cccacccttg	ggtctcccaa	aatgctngcc	attatangg		769

<210> 3183

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3183

tgnttttaat	cnttctaata	cttggtctct	gttctttttg	caggatccct	cgattcgaat	60
tgggcacgag	gtccgaagaa	aaagactgtg	gtggcggaga	tgctctctcc	aatggcatca	120

```

agaaacacag aacaagtttg ccttctccta tgttttccag aaatgacttc agtatctgga 180
gcatcctcag aaaatgtatt ggaatggaac tatccaagat cagcatgcca gttatatatta 240
atgagcctct gagcttcccta cagcgcctaa ctgaatacat ggagcatact tacctcatcc 300
acaaggccag ttcactctct gatcctgtgg aaaggatgca gtgtgtagct gcgtttgctg 360
tatctgctgt tgcttctcag tgggaacgga ctggaaaacc tttcaacca ctgctgggag 420
agacttatga attagtgcga gatgaccttg gatttagact catctccgaa caggtcagcc 480
atcacccacc aatcagtgcga tttcatgctg aaggattaaa caatgacttc atctttcatg 540
gctctatcta tcccaaactg aaattctggg ggaagagtgt agaacagaac ccaaaggaac 600
catcaccttg gagctncttg aacacaatga ggcataata tggacaaatc cacctgctgt 660
gtgcataata tcattgnggg taaactgtgg atcgaacagt ntggcaatgt ggaaattnta 720
accncagact ggggacaaat ntgtgttg 748

```

<210> 3184

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3184

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ntgctttcna atctttntaa atgccttttg cttctcgntc tttctgcagg atcccatcga 60
ttcgaattcg gcacgagaaa aagtaaagct tttcatgagc acaaatncct tgcattgttt 120
gatgttactg atattcgtaa aatgaatatt ttttgttttg ttttgtttta tttttttgag 180
acaagtcttg ctttgttgcc caggctggag tgcaatggca tgatcttggc tcaactgcaac 240
cctgccttcg cgagttcaag tgattcttct gcctcagcct cctgagtagc tgggattaca 300
ggcgctcacc accacacca gctaatttct gtatttttag tagacacagg gttttaccat 360
gttgggccagg ctggtctcaa actcctgacc tcaaaactct cacacctgta atctcagcac 420
tttgggagggc tgagggtggaa ggatcacttg aagccagagt ttgagaccag cctgtgcaac 480
acagcaagac cccgtctcta caaaaactta aaaaattagc tggctgtggt gttgctcacc 540
catagtcca gctactcggg aagctgagca ntaagatcac ttgagccan gaggcnatg 600
cttncantga actgtgattg tttccantac agnccacctg ggtgacanag taaanaaaan 660
gaaacattac ataatttggc tagagcataa taaattgatt tctgggttnt gaaattnnag 720
ttgccataaa aggnnttttna atgngcnant tcant 755

```

<210> 3185

<211> 1009

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1009)

<223> n = A,T,C or G

<400> 3185

```

agentttttt ngaanttccc ctttnnttna aaaatccct tttttggcaa aaaattnccc 60
ccntntntna nngtttttnn gatncccaca tncngnaatn tncgggcneg ggnnactgnc 120
nannggcnc cttcgggggn cngtgntaa gncnatnctt gtntntanaa agntggnnnt 180
nttttncgat nngactatt gncnacnctc ttcctntttg gcagnngtc tgganggttg 240
nggtngctca tntggntaan ccnatcctgg ngaccaanng gccngggtgn gcntgcaagc 300
tttgncacn tgggaaance gnnagtggtn gtctcanttg cntgntgggn ncntgncccc 360
atcttgnctg ctgnancctt ggggagcagg nctnggtng tggtnctgcc tgcttgcctg 420
tngttccccg ggcattgcgn nncannaagg gncatgcntn gggcaanaag gtgcgtggnc 480

```

ancgttngna	tnnnnaggac	caccntgggt	cgngaatcnn	tgggttncct	gataggaacc	540
ntnaannnct	gcngntttta	ttaaattgga	nnananggg	ncanttcaaa	gccagtnnaa	600
tgcccttatg	gaangngtg	natnacatan	cnnntatgt	gtcntanann	angaaatcgt	660
tnnncaaatt	tnnacaanaa	tnnttntaan	aaaggggtatt	tnantntngg	tgaaanaaca	720
angntttaaa	gtnaaatgnt	tnntancanaa	ttaantaaac	nggtnttnat	gattncttac	780
naaantaacn	atncnnaagc	atttacnget	tanangtccn	cnnngatactn	ncanaatatg	840
gnnnnaattn	tannanatng	cgataatctn	gnananactn	tcatnnnnna	tngtgtaatc	900
antanntacn	tgatttnnnt	naaatgaaaa	catntgatnc	aagattaatn	cattanntat	960
acnaaaatnt	tcanatanta	natntacata	taatgggttc	naataaacn		1009

<210> 3186

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(840)

<223> n = A,T,C or G

<400> 3186

cggatnncgt	nagganngat	ngtagnannc	tcgctcnccc	tntgagnaag	ggngngcgaa	60
ntcggcacga	ggacccaggt	agaccagctc	annagnnntt	tttctttgtc	atcctcctgt	120
gagctctctg	naagtctctt	tcttgcccat	caccacatcc	ctagtactgg	gtatcagttc	180
ggccacttgg	ctttctgggt	tgccccaatg	tggnctatcc	ttgatgcagc	taccaaagta	240
atgtttttaa	accatnatac	caagttacta	tccttgcaaa	acccccagta	actgccaatc	300
tcacttagaa	taaaatccgg	actcctgtga	agcacacata	actggggccac	tgncatgca	360
gcaacctcat	ctttaccggt	tcctgccttg	ctcactccct	ttcaagcgcc	gntattcttc	420
ctgatgccct	agtacacaa	aactccttct	gcttcaaaga	gtangaaaat	tactggntcc	480
tctgccagtg	agantccnct	tctgggnatta	cccttgctnc	aattgctgaa	acttctncaa	540
atatcaacct	tctaaaaaag	agccctttta	aaaacacccct	tttctaatat	ggccccact	600
caaattttcc	agtcctctgg	naattgggccc	caatttcccc	caactttcaa	taagcaacct	660
taaatgggct	aatcctggaa	aattnacccc	cctaaaaaang	gngcaancct	ttnaatggaa	720
nngggtaagg	gccaaanttn	aattnggncc	tntnngnnna	cctggggnaa	anggncccta	780
ggaaggaaac	ccaagccaan	cttgggggctt	caaaaaannt	anggggcaac	cttcnaaana	840

<210> 3187

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(739)

<223> n = A,T,C or G

<400> 3187

gcgntnntat	tagegtgggc	tcgntctcgc	tcnaencanc	nngngctggg	cgaattcggt	60
acgagaatca	gaggaggctt	cttcacccct	caactccatg	atgaactcct	atatgaagtg	120
gcagaagaag	atgttggtca	ggtagctcag	attgtcaaga	atgaaatgga	aagtgtgtga	180
aaactgtctg	tgaaattgaa	agtgaagtgt	aaaataggcg	ccagctgggg	agagctaaag	240
gactttgatg	tgtaactgtg	ctgttgatga	agtcctccca	gggaagcctg	tgcatatgca	300
gtcacctgga	aagaacagag	attccctttc	acctacctca	gcaaaacaaa	ctttcaagtc	360
ttgatagact	tagcctagta	attttatagt	gagagtttca	aactatatat	caagtgtcta	420
tagcatcaaa	aacttctggg	ggcgtggggg	aaagtagaat	accaagtata	atagttacat	480
tcactttcaa	agagcatcta	tgaatttgcc	ttttgtaact	tactgtggct	ttaaacatat	540

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tcagaacaga tgcttgaaat atgcacttag cacttttggtt ccacatctgt ctgggtaaac      600
catgaagaaa atgaagctgc tgcctcaatc gancctcagac agcagccata ggcagataaaa      660
gatttnggtt cacccttggt ggtgggaggg atcgtgtgtg cctttttttc ctctaatatc      720
aattttacag tccgggaan                                     739

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<210> 3188
<211> 738
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (738)
<223> n = A,T,C or G

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```

<400> 3188
gnnngnecgtt cnaattncgn ggnntctttc tngccnanna nnannngcgt gngngaattc      60
ggcacgagac tggttcatect aagttccact ataaacaggg tcatgactcg ggcacagaca      120
cttcttgctg gacttttttc tatgatggta atgtccttgc ctctcgtgga ggtgacgatt      180
cattaaaatt atgggacatc cgacaattta ataaaccact tttttcagcc tcgggtcttc      240
ccaccatgtt cccaatgact gactgctgtt tcagtccaga tgataagctc atagtactg      300
gtacatctat tcaaagagga tgtggcagcg gcaaacttgt tttctttgag cgtaggactt      360
tccaaagggg gtatgaaata gacatcacag atgcgagtgt tgttcgtcgc ctgtggcatc      420
caaagctgaa ccagatcatg gttggaactg gaaatggatt ggctaaagtc tattacgacc      480
ccaacaagag tcagagggga gcaaaattat gtgtggttaa aacccanccg aaggcaaac      540
aagctgagac tctactcagg actacatcat caccctcat gccttgecta tgttcccgctg      600
agccccgnca acggagtaca aaggaaacag ctggagaagg acagactgga tccttgaagt      660
cgcattaacc tgaacctcct gtancangcc cangtcgtgg tggccgattt ggaaccacg      720
ggggcactnt tttttcct                                     738

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```

<210> 3189
<211> 757
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (757)
<223> n = A,T,C or G

```

```

<400> 3189
tggggnntnn nttctaatgc tgggatgttc taaangntgg gctactcgtt ctttccgcag      60
gancctntcg attcgaattc ggcacgagga aagggtggcg gcttctcacg gctgagttgc      120
tgcgcctgca gacggaagct cccacagggc agagctgctt ggatgtgtga gtcatgaagc      180
cagagaagcc ccgtccatg agcagtgact cccagggccc tgtgacctcc ctctgtctt      240
gcagctcctc ctggcaccag tccccagggc tctcctgttg gtagttcctg cttttcttct      300
tggaaattcc tcgtggacct cgagatcttt accctaaaat agttctgttg aatttcaccc      360
tggcaatgta aattgatagc ttatcttcac agatgccaga caatggacaa ctcacatca      420
gtcctctgct cactgagac aaatgcatgt ctgattgctt cctctgccct attgnttatg      480
tgaaaaatga gattcactga gccagactaa ggcacagtg actgttctc tactgcctct      540
cacatggaga ttgtgtatc agtgaaagge tgatcaaaga ccccaaagga atgcaccagt      600
ttatctctta tctacctatg acctgcgagc tgnccaccac cccagttgt tgcgcctttc      660
cagacagaac cagtgtcctc ttacacgtat taattggatg tcctgngnct tccttaatat      720
gtatcaaac aagctngcct tgaacacctt gggcaen                                     757

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```

<210> 3190

```

<211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 3190

gnngnnnnnn	tttctaagtc	ttgggnnnnn	ngtcnatgcn	taagagccan	gcggnctcgaa	60
ttcggcacga	ggcgggccc	gccagcggaa	gcccctgcgc	ccgcgccatg	tcaaagaaaa	120
aaaggactga	gtgcagaaga	aaagagaact	cgcntgatgg	aaatattttc	tgaaacaaaa	180
gatgtatttc	anttaaaaga	cttgggagaag	attgctccca	aagagaaaag	ctttactgct	240
atgtcagtaa	aagaagtcc	tcaaagctta	gttgatgatg	gtatgggtga	ctgtgagagg	300
atcggaactt	ctaattatta	ttgggctttt	ccaagtaaag	ctcttcacgc	aaggaaacat	360
aagttggagg	ttctggaatc	tcagttgtct	gaggggaagtc	aaaagcatgc	aagcctacag	420
aaaagcattg	agaaagctaa	aattggccga	tggtgaaacg	gaagagcgac	caggccttagc	480
aaaagacttt	cttcacttcg	agaccaaang	ggaacagcta	aaggcagaag	tagaaaaaat	540
ncaaagactg	tgatccccga	agttgtngga	agaaatcgcc	aagcaaatna	agtagcccaa	600
ggaactgctt	acagatggac	tgattacata	ttcgcaataa	aatcttnggc	ccaaagaaaa	660
atttnggggt	tgaaggaaaa	ttaaattggt	tngaaccttt	tgggaatttcc	cgaaagactt	720
ttgcctncnt	ngacttaaaa	tatttccatg	gnnggtgaaag	gttgtccaan	ctt	773

<210> 3191
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 3191

gnangnnngn	ttcntagtg	ccgtgggagt	cttagatncc	ctaaaaaatt	gntaatgctn	60
ggtcggcacg	agtcaaggcc	tacgaaacag	gtgatgcact	accccggtta	cggttccccc	120
atgcctggca	gctnggccat	gggcccggtc	acgaacaaaa	cgggcctgga	cgcctcgccc	180
ntggccgcag	atacctccta	ctaccagggg	gtgtactccc	ggcccattat	gaactcctct	240
taagaagacg	acggcttcag	gcccggctaa	ctttggcacc	cgggatcgag	gacaagtgg	300
agagcaagtg	ggggctcgaga	ctttggggag	acgggtgttg	agagacgcaa	gggagaagaa	360
atccataaca	ccccacccc	aacaccccca	agacagcaat	cttcttcacc	cgttgcaac	420
ccgttccgtc	ccaaacagag	ggccacacag	ataccccacg	ttctatataa	ggaggaaacc	480
gggaaaagaa	tataaagtta	aaaaaaaagc	ctccggtttc	cactactgng	tagacttcc	540
gcttcttcaa	cacctgcaga	ttctgatttt	tttgtgtgtg	gttggttctct	ccattgctgn	600
tggtgcangg	aagtcttact	taaaaaaaaa	aaaattttgn	gagtgactcg	gtgtaaaacc	660
atgttanttt	taacagaacc	nanaagggtt	gncctattgg	ttaaaaaaaa	aaaaaaaaaa	720
aaacttngng	cctttagaac	tattanngag	nccnatttac	nttaatccan	nct	773

<210> 3192
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3192

ttggantctt	ctcngaaacn	cttngcnatt	gcnctntctg	naggatccca	tcgattcgaa	60
ttcggcacga	ggtttctcaa	agccaaccaa	gacaggcttn	tnagtttttag	agcttcagaa	120
caaattgccca	aaagccagag	ttgtttatgc	tagtgcaact	ggtgcttctg	aaccacgcaa	180
catggcctat	atgaaccgtc	ttggcatatg	gggtgagggt	actccattta	gagaattcag	240
tgattttatt	caagcagtag	aacggagagg	agttgggtgcc	atggaaatag	ttgctatgga	300
tatgaagctt	agaggaatgt	acattgctcg	acaactgagc	tttactggag	tgaccttcaa	360
aattgaggaa	gttcttcttt	ctcagagcta	cgttaaaatg	tataacaaag	ctgtcaagct	420
gtgggtcatt	gccagagagc	ggttttcagca	agctgcagat	ctgattgatg	ctgagcaacg	480
aatgaagaag	tccatgtggg	gtcagttctg	gtctgctnac	cagaggttct	tcaaattctta	540
tgcatagcaa	tccaaagtta	aaagggtttg	tgccactagc	tcgagaggaa	atcaangaat	600
ggaaaaatgt	gttgtaattg	gtctgcantc	tacaaggaga	agctangaac	atttagaaaag	660
ctttggaaaag	aaggccggng	ggagaaattg	aatgattttt	ggtttcaact	nccaaaagggt	720
gtgttgcnct	cccttctttg	aaaaaacatt	ttct			754

<210> 3193

<211> 856

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(856)

<223> n = A,T,C or G

<400> 3193

tggtgccngt	tcctattccg	tgctntegtn	ctnccagg	ancnangcgt	ntegaattcg	60
gcacgaggaa	ggaggaccta	ggcacacaca	tatggtggcc	acacccagga	gggtagtggg	120
gagttagatt	tcagagtcca	ggccctaggt	tgggaccac	tccaaataat	ctcctcggtg	180
tgggtggtgg	ttctatagag	ggataaatga	ataataaaca	ttgttaaaat	atacgaaaaa	240
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	anaanaaaaa	300
aaaananaaa	aatnaaaaaa	annanaaaaa	aaaaaaaaaa	aannccccctn	cnccttaaaa	360
nattcngggg	ggntttttcc	tccannccnn	ntntttaata	nnctncttnt	tgnntcttng	420
nctcaccnnt	tcttttggtg	ggcnntaana	naaaatnttn	nttttttttn	ggntanaaat	480
ncnntnncng	ttttttntnn	ttttttttcn	aaaccctect	ntntnancct	ncgtntcnaa	540
aaanntnttt	ntccnncn	ntnnntntnt	nctntttcta	ttttntnttc	ttntncaann	600
ttccnangtg	nnnngngtnt	nntgnggctt	gttntttttt	ncnncctngc	gtcatccnnc	660
caataatttc	ttnncccc	nannccnat	ttttntnnc	ctctatntnn	gnngngnnat	720
atnantcccc	tttattnttn	atnantagtc	ntntnttttn	ttntccntng	tnatannatt	780
ttntntcccn	ntntaanttc	ctcannnnat	ttntntnnnc	ncgngntata	tttnangnta	840
nntcnnccgg	gttnct					856

<210> 3194

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3194

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gtntngnnng nngttnnatt atatggntcg nctnnctcna nnanchango ttgngctgac      60
aacttgattg gggtctcctt cagggttgaa gcgcctcna gaagtgtcta aaggagacag      120
ttgatagcca aacaacagtt ttggattcac tgactgatta tgaaagaagc agtagactgg      180
tatcaagaat cagtcagcaa ggaggccctc accagacgcc agtgccatgt tcttgactt      240
ctcagcctcc atattcatga actaagtttt tggaatcctt aggcctccac gtgtggaaag      300
cctgagctaa cctactggag gatgagccat cacctggagc agattcaggc catcctagtt      360
gaagcctccc taggccaagc aaccgtccaa ctaccagaca ttgaccattc agccttgaac      420
attcagcaca aagacaaaac agaccagacc agaagagtcc cacagaatag gggaaactat      480
tcagagaaaa cttaagccac taagttttat ggtgttttgt tcttgtagcc agaagcatag      540
gcatactggc caatacaaac cgaaatcctt ctaacgtant ggaccctttt caggccagca      600
ttttttccct tgaaaacctg ggagccttgt attccatctt attagcagaa gatcactttc      660
accaatgggt tgggctcttg atttgggaatt gatgatgtaa tgagcctnta ttcnanatgn      720
gacttaatac ctctgcgaat tgactggatt ccn                                     753

```

<210> 3195

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (840)

<223> n = A,T,C or G

<400> 3195

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cggatnncgt nagganngat ngtaganancn tcgctcncct tntgagnaag ggngngcgaa      60
ntcggcacga ggaccacaggt agaccagctc annagnnntt tttctttgtc atcctcctgt      120
gagctctctg naagtctctt tcttgcccat caccacatcc ctagtactgg gtatcagtct      180
ggccacttgg ctttctgggt tgccccaatg tggncatttc ttgatgcagc taccaaagta      240
atgttttaaa accatnatac caagttacta tccttgcaaa acccccagta actgccaatc      300
tcacttagaa taaaatccgg actcctgtga agcacacata actgggccac tgnctatgca      360
gcaacctcat ctttaccgtt tctgccttg ctcactcctt ttcaagcgcc gntattcttc      420
ctgatgccct agtacacaac aactccttct gcttcaaaga gtangaaaat tactggnctc      480
tctgccagt agantccnct tctggnatta ccttgctnc aattgctgaa acttctncaa      540
atatcaacct tctaaaaaag agccttttta aaaacacct tttctaatat ggccctact      600
caaatttcca agtcccttgg naattggggc caatttcccc caactttcaa taagcaacct      660
taaattgggt aatcctggaa aattnacccc ctaaaaaang gngcaancct ttnaatggaa      720
nngggttaag gccaaanttn aatnngncc tntngngnna cctggggnaa anggncccta      780
ggaaggaaac ccaagccaan cttgggggctt caaaaaannt anggggcaac cttcnaana      840

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<210> 3196

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (840)

<223> n = A,T,C or G

<400> 3196

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cggatnncgt nagganngat ngtaganancn tcgctcncct tntgagnaag ggngngcgaa      60
ntcggcacga ggaccacaggt agaccagctc annagnnntt tttctttgtc atcctcctgt      120
gagctctctg naagtctctt tcttgcccat caccacatcc ctagtactgg gtatcagtct      180
ggccacttgg ctttctgggt tgccccaatg tggncatttc ttgatgcagc taccaaagta      240
atgttttaaa accatnatac caagttacta tccttgcaaa acccccagta actgccaatc      300

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tcacttagaa	taaaatccgg	actcctgtga	agcacacata	actgggccac	tgnctatgca	360
gcaacctcat	ctttaccgtt	tcctgccttg	ctcactccct	ttcaagcgcc	gntattcttc	420
ctgatgccct	agtacacaac	aactccttct	gcttcaaaga	gtangaaaat	tactggnttc	480
tctgccagt	agantccnct	tctgggnatta	cccttgctnc	aattgctgaa	acttctncaa	540
atatcaacct	tctaaaaaag	agccctttta	aaaacaccct	tttctaatat	ggccccact	600
caaattttcca	agtccccctg	naattggggc	caattttccc	caactttcaa	taagcaacct	660
taaatgggct	aatcctggaa	aattnacccc	cctaaaaang	gngcaancct	ttnaatggaa	720
nngggtaagg	gccaaanttn	aattnggncc	tntngngnna	cctggggnaa	anggncccta	780
ggaaggaaac	ccaagccaan	cttggggcct	caaaaaannt	anggggcaac	cttcnaaana	840

<210> 3197

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(833)

<223> n = A,T,C or G

<400> 3197

atccngttct	ntannnnngtc	tngttcttttc	tncacgatch	nntgcgattc	gaattcggca	60
cgagggggtcc	tgggtgggagt	tccatccagc	agtgagtgc	ttttttcccc	agagcagtta	120
aggggtcttat	taaaagccac	cacttttctg	aggcctgtac	aggccttggg	ggtttgggga	180
agagaantaa	ggcaggcact	tgtcccttca	gggaggggact	tgtccntact	gggaggtttg	240
gggttgacct	tggctccagc	agagataccc	agcctggcnt	ggaagggcag	gtcttgagct	300
tacgcttgac	tgcaagggca	agctgcaggc	ctcttctgcc	ttccccctga	ttcaccaagg	360
acaagtagga	ccaagaagtc	aagggaagag	tgccaagata	gatctattcc	catttctttc	420
ttccacctgg	agaattcctg	agctatgctt	caaacctctt	ttggggccagg	gaaagactgg	480
gggacatttt	ttagtcaagg	atgctttaag	aaagtaaaatt	cctgcttggg	ggcccaggcc	540
ttcttttttca	agggcttgct	tgtgaatgcc	caacccaaaaa	aaagggggccc	ccaaggccca	600
atcccttact	tcctnggtcc	ccccaaaaag	ggatnccaan	ttgggggaatt	gggaaaactt	660
gggcanncac	ccnaanccca	ctttggtagg	anttnaccaa	cccaaccaac	ccaaaaccan	720
cccaccaaa	ttnaaaaaaa	ggccaaaacc	accaaccaac	cnaaacccnn	annnnnnnnn	780
nannnnnnnn	nnnaaaaaaa	ctttgangcc	ttttaaaaaa	tntttngngn	ggn	833

<210> 3198

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 3198

gtnnnnnttca	atgcttggct	ctttccnacy	naggatccca	tcgattcgcc	aggctagtct	60
tgaactcctg	gcctcaagca	atcctcccac	ctcggcctcc	caaagtgtctg	ggattaaagg	120
cgtgagccac	cgtacctggc	ccttggtgga	atcttttaggg	ttttctattc	atacatataa	180
aatcatatca	ttggcaaaaca	gagataattt	tacttntctc	tttccaattt	ggatgcctta	240
gatttctttt	ccttgccctaa	ctgctctgtc	tagaactccc	agcactatgc	tgaatagagt	300
ggcaagagca	ggcatttgcc	ttgttcctaa	ccttagagaa	aaatccttca	gccttttacc	360
attgaggatg	atgtttgctg	ttagtttttc	ataaatgata	tatatcaggc	tgaataaatt	420
tctattttcta	aaaaaaaaaa	ntncttnnct	ttanaaaaaa	tgctaaaaaa	aaaaaactcg	480
agccttttaa	actatagnga	gtcgnnttac	gtaaatccag	acntgataag	atncattgat	540

```

gagtttggca aaccacactn naatgcagtg aaaaaaatgc tttatttgng aaatttggga 600
tgctattgct taatttgnaa cccttttaag ctgnaataaa caagttaaca acaccaatgg 660
attcatttat ngttcangtt cagggggagg tntngnaggg tttttaattc cgggccnnng 720
gnccaaanca ttt 733

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<210> 3199
<211> 870
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(870)
<223> n = A,T,C or G

```

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<400> 3199
agttaanag taggtcttgt cttttgcaag atctanoga ttogaattcg gcacgagtat 60
taacaactt ttgctttcaa agttgggtgg gactagancn cncantggaa ggntggagtc 120
agganacctg gattnttgng cccgntntgg nttttacagt ntgcctaant ttntgcagtn 180
acttcntgcc ancctgtttc nttacntnca anagggaaag acantccttg gccagcctag 240
ttttnagggg gaacgaaagg tcntntcac tgcntcctct agtcatttgc ttcttcgnta 300
attaacacat cttgagcacc tgenatgttc caggaacagg agatggcanc gtgcaagata 360
aagtccttga cttctagaga ctgcatgtta gtggcaatcg gcgtntaccc ggctttnaat 420
aaactactga atgaaggaaa attctaccta caccagacac aattactggg gtttctaaaa 480
tggaattatt cccccggccc cntgcatcca gcagcctgnt gcagggaaac tcctccnaaa 540
ggcttgtaag gcaaggaanc cgggacaatg gcntggctat ttaagcttnc aacaagatgg 600
ttacccttaa gtncctaatt ccctaacacc aagggggccc tttaccagga aacccaaacc 660
aggttaaaaa accccaaagt tgggnaaaaa gccatttgcc anccggggcc nttttaaaaa 720
aaacctttta aaaacctttc ctttttaaaa ctttaccttc aagntaaaan ttttaagggga 780
atgggnccaa nttttttaac canccccaaa aaaaanttng gnaatttttt tccccnaaat 840
tttttnaant tccccaaatt tnggaaaang 870

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<210> 3200
<211> 733
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(733)
<223> n = A,T,C or G

```

```

<400> 3200
nagtttaann gtatgtcttg tcttttccaa gatcctatcc gatttgaatt cggcaccgaga 60
agtgtcagtt ttccctaactt cagtcacagg aggattttaa aantntctca agtggtgatg 120
ctntccaagc ntgttggggg ggaagggaat tgggtgccag aaaatgggac tggagtgagg 180
aatatctttt cttttgagag tncctccagt taatttntnc tgtgcttnat tgctnctgtn 240
ctttattgtg aatgttgtaa catttttaaaa atgttttgcc nttagcttttt aggacttggg 300
gttaaaggag ccagtgggtc ctctgggtgg gtntcataat gagttattgt gaccacagc 360
ttgtgtggga ccacatcact tgtaataaac acaaccttta aagtaacca tcttccaggg 420
gggttccttc atgttgccac tcctttttta nggacaaact caggcaagga gcatgttttt 480
tngtnattta caaaatctan cagactgtgg gtatccatat ttnaattgtc ggggtgacaca 540
tgttcttggg aactaaactc aaatatgtct ttctcatata tgtgctgatg gttttaataa 600
atgtcaaagt tctcctgtta aaaaaaaaaa aaaaaaaaaa tcgagccttt anaactntnt 660
gagtcgnta cntagatccn gacatgataa gatcatgatg agtttggaca accncactng 720
aagcagtgaa aaa 733

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<210> 3201
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3201
 gatgccggtt cctatgatgn gctctcggtt tcctaggagt tccaanactn ggctngcncg 60
 aggncttnta aatatatctn ggntttanta ggtgataagt nctgtcantt agtancatct 120
 gaaaaancag ctttgtcctg ggtgaaaaag gatgccaaaa ttgcctggaa aagagcagtg 180
 anaggagtcc gggagatgtg tgatgcntgt gaagcancat tgtttancat tcaactgggtc 240
 tgccaaaaat gtggatttgt ggtctgctta gattgttnca aggcaaagga aaggaagagt 300
 tctagagata aagaactata tgcttggatg aagtgtgtga agggacagcc tcatgatcac 360
 aaacntttta tgccaaccca aattatacct ggttctgttt tgacagatct tctagatgcc 420
 atgcacactc ttagggaaaa atatggtatt aaatcccatt gncattgtct aacaaacaga 480
 atttacaagt tggaaatttt cctncatgaa tgggtgatct caagtttaca gaatgtctta 540
 atcacagtat aaaattctct gngcatgcct gagtctcage gccaaaatcc tctccgaag 600
 tctgagaaaa atggtggcag cnnccccaana aagtgatgtt nggcncaga ttaccaggtt 660
 aacttctctc agaatnccag tcaccactgn actggntagc anactctgcc gagccaaaaa 720
 gccnaagng ggaaaaaaaa aaaaaaaa 748

<210> 3202
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3202
 ggnnnnngnn ngntnncggt cctattant caggngctcg ntctntctcn annnanenng 60
 gcgtgtncga attcggcacg aggattttcg aaactcttca gctacttgcc cttttttatc 120
 tgaaaccatc atacctctg aaagaaaaaa gcatatcttc attgacataa cagaagttag 180
 atggcccagt cttgatacag atggtccatg atatatatgg agagtggcat tgtgaagata 240
 acatcttttag atggtcatgc atacctctgc ctgccagat ctcagcatga atttacagta 300
 ctttttttgt gtaaagtttag ccagaagtca gactcatctg cagtgttgtc agaaacaaat 360
 aataaagccc caaaagataa actagttgaa aaaactggca aaatctgtat acgtggaaat 420
 ttaccaggac agagactgaa gaataaagaa aatgagtttc attgccagat catgaaatcc 480
 aaagaaactt taaagaagat gagttgtgta aatggaactg aaggaggagg aagaactgcc 540
 ttcgcctggt acaaagcaca catgtgtata cacatgggtc aagcagtgct ggtctgtggc 600
 tgnetgtcca gangaatgga aatatccttg gctttagcac ttcattttca taataaaatc 660
 agcaattntg tctaaaaaaa aaaannnana aaaaactnga gcctntanaa ctntagtgag 720
 tcgtattacg tagatncnna catgataa 748

<210> 3203
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 3203

ctaaatgctt	tggganagnn	neccctttga	ancctntnaa	atcctttggc	aanttgcnct	60
cnctgtngga	tcccatcgat	tcgaattcgg	cacgagagac	agggagaaga	gaggaagagg	120
gagctgcagg	tgccagaaga	gaacagggcg	gactctcagg	acgaaaagag	tcaaacccttt	180
ttgggaaaat	cagaggaagt	aactggaaaag	caagaagnca	nggtctaaag	gagaaagggg	240
tcccagtcag	cgggcaggag	gcgaaagagc	cagagagttg	ggatgggggc	aggctggggg	300
cagtgggaag	agcgaggagc	agggaaagagg	agaatgagca	tcattgggct	tcaatgccc	360
ctctgatagc	ccctgaggac	tctcctcaet	gtgaacctgt	tccaggtgcc	tcatactctg	420
tgactcagat	tcccgggact	cagacagagt	ccagggctga	ggaactgtcc	cccgcagctc	480
tgtctccctt	gctagagccc	atcagatgct	ctcaccagcc	catttctcta	cngggctcct	540
ttttgactga	ggagtcacct	gacaaggaaa	aacttctatc	agtactttga	tatgtcacag	600
tttcatgttt	atccagttca	atgtattttt	aaatttttcc	ttgagacttc	tttgactgat	660
agattattgt	gaagtgtgtt	tttaaaat	ncaaattgtt	aagggatttt	catatctttc	720
ttaatgctga	tttccaattt	ggattcccta	caatgattct	gggattcata	tgctctggac	780

<210> 3204
 <211> 796
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(796)
 <223> n = A,T,C or G

<400> 3204

tcttttaatg	cttttttncaa	gccttggttn	aaatcctttg	caggatccca	tcgattcgaa	60
ttcggcacga	gactaccccc	gctacggttc	ccccatgect	ggcagcttgg	ccatggggccc	120
ggtcacgaac	aaaacggggc	tggacgcctc	gcccctggcc	gcagatacct	cctactacca	180
gggggtgtac	tcccggccca	ttatgaactc	ctcttaagaa	gacgacggct	tcaggcccgg	240
ctaactctgg	caccccggt	cgaggacaag	tgagagagca	agtgggggtc	gagactttgg	300
ggagacggtg	ttgcaagaga	cgcaaggagg	aagaaatcat	aacaccccca	cccnaacacc	360
nncaagacag	cagtcttctt	cacccgctgc	agccgttncg	ttccaaacag	agggccacac	420
agaatacccc	acgtttttat	ataaggagga	aaaccggnaa	aanaatttaa	aagttaaaaa	480
aatanccttt	cngttttaca	ctactgntgt	agactcctgn	tttcttcaan	cacctgnaga	540
ttcttgattt	ttttgttggt	gatgntctct	ccattgcttg	tngtttgcnt	gggaantttt	600
atttaaaaaa	aaaaaaaatt	cttgtgagtn	gactttggnt	tttaaaccan	tgntagattt	660
taacngnacc	cttaatgggt	tgtaentata	tgntttnaaa	acatgnnaan	aaatatttaa	720
tgtaaagggn	ctgttnttaa	atntaaccac	ntanagaant	tnnaaanntn	ttnanccctt	780
tagaacnatt	nntgng					796

<210> 3205
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 3205

ttttaatacn	tttttnaatn	cttgettneg	ntcctttgca	ggatcccatc	gattcggaatt	60
cggcagcaga	gcaattccac	tcctagctcc	acccacaggt	aattgaaagc	aaagacgcaa	120
acagatgcct	gtgcaccaa	gttcacggca	gcatecttcg	ccatagtggc	agcatccgtc	180
gtcacagcgg	natcatcctt	catcatagcg	gcagcatccg	tcgtcacagc	ggcagcatcc	240
ttcgccacag	cggcagcatc	tgtcgtcaca	gnngcagcat	ccttcgccaa	agcggcagca	300
tccttcgtca	tagcggcagc	atcctttgcc	atagcggcaa	ggtggaaacc	ctgtccatcc	360
actgaggcgt	gcatagacta	aacatggcca	gtccaggcac	tggaatccag	gccgtanaac	420
gnggcccacn	gtcaaaagga	atgagaccct	gatgcactgg	gcgacacaga	cgggcgacac	480
agacttggag	acatcatgct	aagtgaaaag	ccaggcacac	ggagcggacg	gggtgatcct	540
gctcacgtga	tgtgtcccga	atgggcacnt	tcagagggga	agaanggaga	tggcgcttga	600
cngtgnccgg	gacnggggtt	gggagcgacc	ggttgttggg	ttnggggttc	tttctngggg	660
gaaggaaatg	tttttgatat	tggggccggt	tgggtgatnt	ttgcattacc	ctttgaatat	720
gcttanaacc	cnetagaaat	tgnnacactt	tttaaatngn	ttggaaatt		769

<210> 3206

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3206

tgttctaata	ctaggtntac	tcgccttttg	caggatctna	tcgattcnaa	ttcggcacga	60
ggggtcctgg	tgggagtnnc	atncagcagn	ganngcattc	tttecnacac	ncagtnaacg	120
gtcttattaa	nagccaccac	tttnctgang	cctgtacagg	ccttgnnggt	tngnggaaca	180
gaaatnncgc	aggcacttgt	accttcaagn	anggacttgt	gcctnactgn	nagggttggc	240
gttgaccttg	gctcnacnga	catacccant	ctgacttnna	acngcncgt	ctnagcttac	300
gctagactgc	acnnccaagn	ttgcangect	ntntngnctt	ccctgcattn	accaatgaca	360
gtacgaccaa	cagtcaanga	aaagtgccaa	gatatatcta	tcccatttct	tctacacctg	420
tanattcctn	actatgctca	aactatgtgg	ngcaangaan	actggngnac	atttttagtc	480
aatgatgctg	acaattaatt	actggtgngg	ccaggcatat	nttcacggct	gcttgtgatg	540
ccaacnaaga	acgggcccga	gcccatecct	actcctngnc	cccaaanaga	tccagtngga	600
atgggaagct	gnnannacca	acccaactnn	tgatttacca	ccaacnccaa	anacacgca	660
tgnnnacagc	aaaacaacaa	cncnatgcac	ttaacaagna	nccnaaaant	naactcngnc	720
ctctaaaact	attngggant	cctttanct				749

<210> 3207

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 3207

gnatgncccg	atttccttaa	tgatggggnn	nnnnngagcg	anncttccga	aantccaat	60
annctgggng	ntcgcaactc	nctcnanaca	gnaaggncgn	gggctttgct	ctctccattc	120
caagttgntc	tctgttctag	aaagcagatg	tagtagacat	ctactgttgt	tgctgaaca	180
gaatcccttt	gtcctttttt	tgntaaaagt	actcatccct	aatattcatt	gtncgtgaag	240
gactgaaaat	acagaactca	caccatgatc	ggccggggaca	atcagattat	ttcatccnc	300
agcaaacgga	gatcganccg	aaaagtggaa	anatgagcnc	ttctttggng	ttggcatatg	360

gaccctgaga	gaaagaactn	tnattnttttc	tettggactg	caataaagta	tagetgecta	20
aaatacgntt	cctgacactt	ggaggnttgt	ccacaatcgg	ngaaataaag	gcgagaccgn	480
acactggatg	aaaaaaaana	gnnncengnn	gaanaccac	tnnnccannn	nccnnnccnn	540
tnnccannng	nngancennn	tanccgnnan	naggccnnng	cnntngcnnc	nnngccnnnn	600
nnnnnnnggn	aaaccennnn	gnnnnnccnn	nnnnnnnnnc	nnnnannnnn	nnnnnnccng	660
nnggnnctnn	nnnnannnnn	ccnnnnccnn	cnnnnccnnn	nggnaanncc	nnnnnnnnnn	720
annnnngggn	nnnnnnannn	ccnnnnnnnn	cannnnccnn	cnnnnngggn	nnnnnnnnnn	780
nnnnnnnnnn	nnnnngnnnn	acnnnnngnn	nnnnccnnnn	nnnnnnccng	nnnnnnnnnn	840
nnnncccc						848

<210> 3208
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 3208	
tgggnnnngnn	ccnaangcng
cgaactcgct	cnannagnaa
tgactcccca	gctcctcctg
ttcttcttgg	aaattcctcg
ttcacctcgg	caatgtaaat
accatcagtc	ctctgctcac
ggntatgtga	aaatgcagat
ctgcctctca	catggagatt
caacagttta	tctcttatct
cctttccaga	cagaaccagt
cnaanangna	tcaaacaagc
annctggagg	ctngngncac
attggnaaaa	anaaaanaa
gggannnggt	ccccgttcca
ggccgggnga	attcggcacg
gcaccagtcc	ccagggctct
tgacacctga	gatctttacc
tcttcacaga	tgccagacaa
tgcatgtctg	attgcttctt
agactaaggc	atcagtgact
tgaaaaggctg	atcaaagacc
tgcganctgc	caccaccccc
ccacgtattaa	atngatgtcc
ccaccttggg	cacatatccc
cctnaccctn	ggcaaaaataa
nnccctntna	naacnntacg
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	770

<210> 3209
 <211> 727
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(727)
 <223> n = A,T,C or G

<400> 3209	
gtgatctttt	tgagtggggg
ttctacctgc	gctactacgt
gaatttcggc	ccggacggaa
gatgatcaga	aaagagctta
gatgacagt	aaattacaaa
gacaggagct	tgaaattgta
gttctcttat	tgatgtaaat
ttggtacaag	acttgaaatg
ccaattttaa	ttgtatgttt
ttatttgtca	tttacagtat
ccntnctngc	tctannan
ggcaagtttg	ggcacgagtt
tgccaacaac	agcaattaca
agtgtaatgg	aagaactgaa
gctttgtggc	ctccccctgat
agcacatata	ttttaccaca
gatcctgaag	gccttcogagt
agtccttattg	gattacactt
tgnatatttta	attaaagggga
tgaatgtgaa	gcaacccaaaa
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600

tgtaaaactg	gaaaatagga	aaattcatta	ncagcttaat	gggtatcctt	acttgatncn	660
ctgggttttg	aagtcceccac	acacattaaa	tctgtaatga	aancnctttt	ggttaaaatt	720
tctctat						727

<210> 3210
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 3210						
gnngctancc	tttcttatta	nnttggaact	ntnttctntc	tncangtanc	nnntgcgntg	60
ncgaattcgg	cacgaggatt	ttcgaaactc	ttcagctact	tgcccttttt	tatctgaaac	120
catcatacct	tctgaaagaa	aaaagcatat	cttcattgac	ataacagaag	tgagatggcc	180
cagtcttgat	acagatggta	ccatgatata	tatggagagt	ggcattgtga	agataacatc	240
tttagatggg	catgcatacc	tctgcctgcc	cagatctcag	catgaattta	cagtacattt	300
tttgtgtaaa	gttagccaga	agtcagactc	atctgcagtg	ttgcagaaca	aataataaag	360
ccccaaaaga	taaactagtt	gaaaaaactg	gcaaaatctg	tatacgtgga	aatttaccag	420
gacagagact	gaagaataaa	gaaaatgagt	ttcattgcca	gatcatgaaa	tccaaagaaa	480
cttttaaagaa	gatgagttgt	gtaaatggaa	ctgaaggagg	ggaagagctg	ccttcgcctg	540
gtacaaagca	cacatgtgta	tacacatggg	tcaagcagtg	ctggtctgtg	gctgcctgtc	600
cagangaatg	gaaatatcct	ttgncttttag	cacttcattt	tcataataaa	atcagcaatt	660
tgtctaaaaa	aaaananana	aaaaaaactc	gagccctnta	naactntngt	gaggecnant	720
tacgttgaat	ccagacntga	ttat				744

<210> 3211
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 3211						
gtntngnnng	nngtttnatt	atatggntcg	nctnntcna	nnancnangc	ttngngctgac	60
aacttgattg	ggttctcctt	caggtttgaa	gcgcctcna	gaagtgtcta	aaggagacag	120
ttgatagcca	aacaacagtt	ttggattcac	tgactgatta	tgaaagaagc	agtagactgg	180
tatcaagaat	cagtcagcaa	ggaggccctc	accagacgcc	agtgccatgt	tcttggactt	240
ctcagcctcc	atattcatga	actaagtttt	tggaatcctt	aggcttccac	gtgtggaaag	300
cctgagctaa	cctactggag	gatgagccat	cacctggagc	agattcaggc	catcctagtt	360
gaagcctccc	taggccaagc	aaccgtccaa	ctaccagaca	ttgaccattc	agccttgaac	420
attcagcaca	aagacaaaac	agaccagacc	agaagagtcc	cacagaatag	gggaaactat	480
tcagagaaaa	cttaagccac	taagttttat	gggtgtttgt	tcttgtagcc	agaagcatag	540
gcatactggc	caatacaaac	cgaaatcctt	ctaacgtant	ggaccctttt	caggccagca	600
ttttttccct	tgaaaacctg	ggagccttgt	attccatcct	attagcagaa	gatcactttc	660
accaatgggt	tgggctcttg	atttgaatt	gatgatgtaa	tgagcctnta	ttcnanatgn	720
gacttaatac	ctctgcgaat	tgactgggatt	ccn			753

<210> 3212
 <211> 763

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 3212
 ngggtgnnnn nnttttetaat nctgggggnnc nntnnnnnnn ntctcctaata ncttaggngc 60
 tcgtttctttc tccangcagn nnngcgtttc gcgacagctc tccaataactc aggttaaatgc 120
 tgaaaaaatca tccaagacag ttattgcaag agtttaattt ttgaaaactg gctactgctc 180
 tgtgttttaca gacgtgtgca gttgtaggca tgtagctaca ggacattttt aaggggcccag 240
 gatcgttttt tcccagggca agcagaagag aaaatgttgt atatgtcttt taccgggcac 300
 attcccccttg cctaaatata agggctggag tctgcacggg acctattaga gtattttcca 360
 caatgatgat gatttcagca gggatgacgt catcatcaca ttcagggcta ttttttcccc 420
 cacaaaccca agggcagggg ccactcttag ctaaatccct ccccgtagt gcaatagaac 480
 cctctgggga gctcangaag ggggtgtgctg agttctataa tataagctgc catatatattt 540
 gtagacaagt atggctctct cgtatctcct ctctcctagga gaggagtgtg aacaaggagc 600
 ttatagaaga caccctttaa acccattccc ttttcagga gacctacct tcacaggcac 660
 aggtccccaa atgagaagtc tgctacctca tttctcatct ttttactaaa ctcaaangca 720
 ntgacagcag tcagggacag acatttcatt cttnatacct tcc 763

<210> 3213
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 3213
 gnagnncggn ttcttatgat cgtggetnct cntctanngg ttgtgtaatg ctnggtcnnc 60
 angannnnnt gcganncgaa ttcggcacga aggggggttc ccaatagtag aaaagggctc 120
 ccatttcctgc tcagcacgc acctctctac cccccacag acacacatgc agacacacac 180
 atgcagacaa cagcagaca cacacatgca ggcactcaca tgcaggccca tgcacacaca 240
 cgtgcacaca catgcagaga catgcagaca cgcaggcaca catgcacaca tgcaaagaca 300
 cgcagtcagg cacacgcaga cgcacacaga gacacacatg cagatcacat gcacacacac 360
 atacacacac tggccccctgt ttttctgtgg tgctactggg tgccagcaac tcggatatctn 420
 ccaccttcca ctaaaacctg ggccttaatt tctctcccgt cccacccct aaattcctga 480
 tggatgaacc tagagctgtc ctgtccactc caggccggac tgacgtancc tatgggcccc 540
 gcaggctccag ggcccacgtt ttaatttctt tttnaaaagc tttaggtctt ggcngggccg 600
 ccggtgggtc acgccttggg agttcccagc atttttnggg aaggccnaag gccgggttgg 660
 attcacaag gtcaagcaag tttcaaggaa ccaagccttg aaccaggcca ttgggtgagg 720
 aaccttgggc ttnttactng ggnaaattcc caaaaaaaaaa ttggccttgg gccnaagggt 780
 gggcaagggc acccttgttg gggcccccaa antttacct 819

<210> 3214
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(819)

<223> n = A,T,C or G

<400> 3214

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gnagnnccggn ttcttatgat cgtggctnct cntctanngg ttgtgtaatg ctnggtcnnc      60
angannnnnt gcganncgaa ttcggcacga aggggggttc ccaatagtag aaaaggggtcc      120
ccattcctgc tcagcacccg acctctctac cccccacag acacacatgc agacacacac      180
atgcagacaa cacgcagaca cacacatgca ggcaactcaca tgcaggccca tgcacacaca      240
cgtgcacaca catgcagaga catgcagaca cgcaggcaca catgcacaca tgcaaagaca      300
cgcatgcagg cacacgcaga cgcacacaga gacacacatg cagatcacat gcacacacac      360
atacacacac tggcccctgt tttctgtgg tgtcactggg tgccagcaac tcggtatctn      420
ccaccttcca ctaaaacctg ggccttaatt tctctcccgt cccacccct aaattcctga      480
tggatgaacc tagagctgtc ctgtccactc caggccggac tgacgtancc tatgggcccc      540
gcaggtccag ggcccacgtt ttaatttctt tttnaaaagc tttaggtctt ggcngggccg      600
ccggtggttc acgccttggg agttcccagc atttttnggg aaggccnaag gccgggttgg      660
attcacaag gtcaagcaag tttcaaggaa ccaagccttg aaccaggcca ttgggtgagg      720
aaccctgggc ttnttactng ggnaaattcc caaaaaaaaaa ttggccttgg gccnaagggg      780
gggcaagggc acccttgttg gggccccaa antttacct                                819

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<210> 3215

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(844)

<223> n = A,T,C or G

<400> 3215

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nggnnnntnn nnnnnnatncc ntgategtgt ntegttcttt ctncaggatn nnntegtttc      60
gaattcggca cgaggaaaag ggagccgcgc agngcctacg ggagtnccgc ggcagcagcc      120
ggtaccggca accacgggca gctctcaggg aatctccgtc gttgaggcca naggtccag      180
tccccgcgag tccagatgcc tgtccagcct ccaagcaaag acacagaaga gatggaagca      240
gaggggtgatt ctgctgctga gatgaatggg gaggaggaag agagtgagga ggagcgganc      300
ggcagccaga cagagtcaga agaggagagc tccgagatgg atgatgagga ctatgagcga      360
cgccgcancn agtgtttcag tnagatgctg gacctggaga agcagttctc ggaagctaaa      420
nggagaagtt gttcaaggga acgacttgan tcanctgccg gnttgccggt tggaggaaa      480
ntgggggggc ttgaanaaga agcccctgga atnccaccgg aagccccctt ttgggggggg      540
gccttgcaaa ccgggaancc ctttnaaagg aatttcngcc antttcaang gttgggccaa      600
ggggaatcnt accnaagggg ccttctnngc cttggnatgg tgaatccang gnaaattaag      660
gtncccaatt gntgaancct tccaanggga ancccaaaacc agcacccttg naanaagttg      720
agaaaaacttg cttgcntctt ntgacacccc tncnaggggg aacttcaagg aaccggttcc      780
tnaggcttgg aaggaggacc cccanancec tggancctaa attnttaaatt gggtnggacc      840
accn                                                                844

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<210> 3216

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3216

gtntngnnng	nngttnnatt	atatggntcg	nctnnctena	nnanchangc	ttgngetgac	60
aacttgattg	ggttctcett	caggtttgaa	gogccctcna	gaagtgtcta	aaggagacag	120
ttgatagcca	aacaacagtt	ttggattcac	tgactgatta	tgaaagaagc	agtagactgg	180
tatcaagaat	cagtcagcaa	ggaggccctc	accagacgcc	agtgccatgt	tcttggactt	240
ctcagcctcc	atattcatga	actaagtttt	tggaaatcctt	aggcttccac	gtgtggaaag	300
cctgagctaa	cctactggag	gatgagccat	cacctggagc	agattcaggc	catcctagtt	360
gaagcctccc	taggccaagc	aaccgtccaa	ctaccagaca	ttgaccattc	agccttgaac	420
attcagcaca	aagacaaaac	agaccagacc	agaagagtcc	cacagaatag	gggaaactat	480
tcagagaaaa	cttaagccac	taagttttat	ggtgttttgt	tcttgtagcc	agaagcatag	540
gcatactggc	caatacaaac	cgaaatcctt	ctaacgtant	ggaccctttt	caggccagca	600
ttttttccct	tgaaaacctg	ggagccttgt	attccatctt	attagcagaa	gatcactttc	660
accaatgggt	tgggctcttg	atttggaatt	gatgatgtaa	tgagcctnta	ttcnanatgn	720
gacttaatac	ctctgcgaat	tgactggatt	ccn			753

<210> 3217

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3217

ttggantctt	ctcngaaacn	cttngcnatt	gcncntctctg	naggatccca	tcgattcgaa	60
ttcggcacga	ggttcttcaa	agccaaccaa	gacaggcttn	tnagtttttag	agcttcagaa	120
caaattgcc	aaagccagag	ttgtttatgc	tagtgcaact	ggtgcttctg	aaccacgcaa	180
catggcctat	atgaaccgtc	ttggcatatg	gggtgagggt	actccattta	gagaattcag	240
tgattttatt	caagcagtag	aacggagagg	agttggtgcc	atggaaatag	ttgctatgga	300
tatgaagctt	agaggaatgt	acattgctcg	acaactgagc	tttactggag	tgaccttcaa	360
aattgaggaa	gttcttcttt	ctcagagcta	cgttaaaatg	tataacaaag	ctgtcaagct	420
gtgggtcatt	gccagagagc	ggtttcagca	agctgcagat	ctgattgatg	ctgagcaacg	480
aatgaagaag	tccatgtggg	gtcagttctg	gtctgctnac	cagaggttct	tcaaatctta	540
tgcatagcaa	tccaaagtta	aaagggtttg	tgccactagc	tcgagaggaa	atcaangaat	600
ggaaaaatgt	gttgtaattg	gtctgcantc	tacaaggaga	agctangaac	atttagaaaag	660
ctttggaaag	aaggccggng	ggagaaattg	aatgattttt	ggtttcaact	nccaaaaggt	720
gtgttgcnct	cccttctttg	aaaaaacatt	ttct			754

<210> 3218

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 3218

tggtgccggg	tcttantctg	ngctctcgtc	ttcctttctta	tacctgggca	ncncttggcg	60
gcccenaggn	tcccangnag	ccnngcngng	ncngattcgg	cacgagattc	caaagggtttc	120
aaagaacttg	gtcataaata	tgataatgag	aagacaaagt	atttatatta	aaacagttta	180
gtagccttca	gttttgtgaa	aatagttttc	agcacagaaa	ctgacttctt	tagacaaagt	240
tttaaccaat	gatggtgttt	gcttctagga	tatacacttt	aaaagaactc	actgtcccag	300

tggtgggtcat	tgatggcctt	tagtaaatg	gagctgctta	atcatattga	tatctaattt	360
cttttaacca	caatgaattg	tccttaatta	ccaacagtga	agcactacag	gaggcaactg	420
tggcattgct	tccttaacca	gctcatgggt	tgtgaatgtt	ataaaaattgt	cactcagata	480
tatttttttaa	atgtaatgtt	atataagatg	atcatgtgat	gtgtccaaac	tatgggtgaaa	540
agtgccagtg	gtagtaactg	tgtaaaagttt	ctaattcaca	acnttaattc	ctttaaaatn	600
cacanccttc	tgccctctgna	tttgggaagtt	gtcagtncaa	ctcatcaaag	aaaactgcct	660
aatntnaaaa	tcataattntg	ggaataattt	ccctcttttg	tagtctgccc	aagatcctta	720
aagattggat	ttttattact	atttaaacca	gtggattaat	n		761

<210> 3219

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (813)

<223> n = A,T,C or G

<400> 3219

caaaaancct	tttгнаannn	ncennagnnn	tttnatnncc	tnnttgcaaa	tngettggt	60
actcgttctt	tctgcaggat	cccatcgatt	cggaattata	gtattgacgt	gaatcccact	120
gtgggtataga	ttccataata	tgcttgaata	ttatgatata	gccatttaat	aacattgatt	180
tcattctgtt	taatgaattt	ggaaatatgc	actgaaagaa	atgcggccca	tttagaatag	240
ctcgtgttat	ggaaaaaagt	gcactgaatt	tattagacaa	acttacgaat	gcttaacttc	300
tttacacagc	ataggtgaaa	atcatatttg	ggctattgta	tactatgaac	aatttgtaaa	360
tgtcttaatt	tgatgtaaat	aactctgaaa	caagagaaaa	ggtttttaac	ttagagtagc	420
cctaaaatat	ggatgtgctt	atataatcgc	ttagtttttg	aactgtatct	gagtaacaga	480
ggacagctgt	ttttaaccct	cttctgcaag	tttgttgacc	tacatgggct	aatatggata	540
ctaaaaatac	tacattgatc	taagaagaaa	ctagccttgt	ggagtatata	gatgcttttc	600
attatacaca	ccaaaaatcc	ctganggaca	tttnangca	tgaatattaa	acatttttta	660
tttcaagtaa	cctttttccc	ctgtgtaaag	ttactatggg	ttgggtggnac	naactttcat	720
tctatagnat	attaagtggg	aaagtngggg	gaaattctac	nttttatggg	tnnggagtggg	780
cccaatgtct	atcaaggagt	gnacaaatta	ann			813

<210> 3220

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (776)

<223> n = A,T,C or G

<400> 3220

taatgctggg	tactgcectt	caaatecttg	caatecectg	gnaancggnc	cngcngaccc	60
atcgattcga	attcggcacg	aggttatatt	aaattattct	ttgntnttct	ttgtctttta	120
ataaagcctg	caagttacta	aattgnagtt	ncataaatte	tgtagtnaag	tatcatcttg	180
gcagngtgcc	aaaggtgaaa	angntgcttn	ctctaacaga	gaaattctta	gngactccag	240
togtanaaaa	acgtctttac	aacctgaata	agatnganga	attgngaaca	taccatggcc	300
tattggatga	atcatttgcc	ggnggctana	ncagactgta	gggtttgtga	tggatntatg	360
gagtatgtgg	gtatagaaat	catgaatntn	ccatttgnnn	ncagagattc	aagcntanac	420
ttaatgggta	gatcataaat	gacagaatga	attcaaaacc	tagcacgtgc	attgtaaatg	480
tgtgcccaga	tatgtnttgg	aaatggcagn	tccttggggg	catgtntcta	ctggcaaaat	540
ttgctatagn	gnnactattg	nantgtaatt	ataaaattna	tcannattat	ncaccgattn	600

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gccaagtaaa ctgtactgtn cataggaatt ttgggaattg tgcanaaatt ggatcaattg      660
aanttnagaa cngatgtctg ggccttaaaaaa tttatcnggg accacnnatt angaaactna      720
catntttcgg ngctgaggtt cattgnccaa ggccangaag gtntttnccg aaaanc          776

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<210> 3221
<211> 715
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(715)
<223> n = A,T,C or G

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<400> 3221
ctgctgtcaa ggcttgaaga gccggcacac tcaatggcaa acacangcac cgagtctgct      60
ctgaatcctg gaggatcttg ccctcctctc aacccccact cacagtcacc gtcttacaac      120
tcagggccac ctgggatcag tcatcagtcg ggggtgcgtaa gccttgaata ccaggtagcc      180
tcaggagtga aaagataaat gtccctagatc attaccttat tcagtgtccc caccttgcag      240
cgcattccaa ccacctggga gcatttataaa ctccagatgc ccacaccaca ccctggggcc      300
acccatcaga ccttctggaa gcaagacctg ggccctccatg gccccaaaaa ctccctaggt      360
gatccgatgt gcagccaaat ctgagaggcc ccatttnaaa aaganagaac atgggtggta      420
cattgaggag tatttacatt ttataaaatg acttaaaaaat ttnaaggcat tttttgagca      480
tttncaatta tatggaagna gttactttta cggaatagtt nttgctcatg gaactcanaa      540
cagatgaagc accactgtta cagaattaat gtgctccaga atgaaaatgg tctcgtttct      600
ngtgaatttc aatggaagaa gcncnacatt tcctnaagaa ttcttttgag cccagtaatt      660
cantcctggc tcaaaaaaan gntnnttngg cattttccta acatctggac caaag          715

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```

<210> 3222
<211> 715
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(715)
<223> n = A,T,C or G

```

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<400> 3222
ctgctgtcaa ggcttgaaga gccggcacac tcaatggcaa acacangcac cgagtctgct      60
ctgaatcctg gaggatcttg ccctcctctc aacccccact cacagtcacc gtcttacaac      120
tcagggccac ctgggatcag tcatcagtcg ggggtgcgtaa gccttgaata ccaggtagcc      180
tcaggagtga aaagataaat gtccctagatc attaccttat tcagtgtccc caccttgcag      240
cgcattccaa ccacctggga gcatttataaa ctccagatgc ccacaccaca ccctggggcc      300
acccatcaga ccttctggaa gcaagacctg ggccctccatg gccccaaaaa ctccctaggt      360
gatccgatgt gcagccaaat ctgagaggcc ccatttnaaa aaganagaac atgggtggta      420
cattgaggag tatttacatt ttataaaatg acttaaaaaat ttnaaggcat tttttgagca      480
tttncaatta tatggaagna gttactttta cggaatagtt nttgctcatg gaactcanaa      540
cagatgaagc accactgtta cagaattaat gtgctccaga atgaaaatgg tctcgtttct      600
ngtgaatttc aatggaagaa gcncnacatt tcctnaagaa ttcttttgag cccagtaatt      660
cantcctggc tcaaaaaaan gntnnttngg cattttccta acatctggac caaag          715

```

```

<210> 3223
<211> 786
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 3223

ttgtgaancc	cttttganac	centttgcta	cttgetcttt	ttgntggatc	ccatcgattc	60
gaacgttccc	ccgtacata	gtctttcttt	tgtgttattt	agtttaccat	ttcttttttc	120
catcttggtta	taacctccac	gagttgtgtc	tcttttggtt	tctacattat	acccaacggc	180
tagcacataa	caggcaccca	atatatactg	aacgaactaa	ggaatgaatg	aaggaatgaa	240
tgaataggtg	gcttatagga	aacccctggg	gccagggact	ctgcaacatc	accatgtaac	300
tttttctttg	tgctgagaag	cagagagaaa	caatagaaga	tatctcttaa	tctctcaagg	360
atgctactcc	caggactgct	tgcaatttcc	gaggagataa	gccacaagtt	acagaaagga	420
agcagctgtg	tagggcctgc	aagtttctctg	ctgcaagtca	ccctatgttc	agaagttacc	480
ctggctgggc	caggcatggt	ggctcacgcc	tgtaatccca	cactctgggg	aggctgangc	540
aagtggattg	cttgagtcca	ggagttttga	gaccagcctg	ggcaacatgg	agaaacccca	600
tctatcaaaa	aaattanctg	ggtgtggtgg	catgaagcct	gtaataccca	gcttcttggg	660
gnaaggctta	angtgggnag	aaatnacctt	gancccccang	ggggctcaaag	gctgntnntt	720
aagccaagat	cacngccnac	tggaccttna	agccctnggg	caaaccnna	attnagancc	780
ctntct						786

<210> 3224
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 3224

ggatctttta	tncctttgna	atcccctnnc	tttggcnaat	cgcccgaatt	cggcacgaga	60
gttggagaac	attatgctgg	agagagnttt	tnaagaaagg	gagatgttgg	aaacttcnca	120
agctgctgct	ctgtttctgc	ccaaccgcat	ggtgcctgga	cctgactaca	attcctacaa	180
aagtgcctac	agccccagcc	cagtgggaacc	accaagcaag	gacttctgta	attntttgcc	240
cacctgcctt	gatttaacca	tgcagtattc	agggctctggg	aatatggaac	taatttcttc	300
taatgtcagc	gtggccacaa	cttatagaca	gtatcccttg	tcctcaagat	ttttaagttt	360
ggcccaagtg	tggccccatt	agcgacaccc	tcctctacca	gcaatgcctg	ctaaatgcca	420
ccacctcagt	tcaagccctg	aagcctgggg	ccagctggga	cttgaaggga	gcacgagtcc	480
aggatggact	cagtgcatag	caggacatga	tgccatnnaa	attggaaggt	tccttgggtg	540
tgectcacac	ttctgagat	ccagaccacn	agaaagtgc	cttcanggtc	atcangctgt	600
cccagagagg	tccgcgttnt	tcnaccctcg	accgggaatt	tctcttccca	ttgttgacac	660
cngacttccn	tggcancttc	aaaggggcat	tntcttaacc	gaagattcan	nnaaanctaa	720
acaccanngc	acccctttgg	cnacttaanc	cattaaatcc	aattccn		769

<210> 3225
 <211> 915
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(915)
 <223> n = A,T,C or G

<400> 3225

gnggaggggn	gggaagnggg	gngcagnnnn	ncnaaaacnn	nngcacanca	ancnennang	60
aacnennnca	gnnncnncg	nanacancaa	ngngnaaccc	tttcaaaneg	cttggcaaatt	120
cgcnncgct	gnaggaccca	cgannegcac	ccagecnnct	cctccaacgc	cctnnngatc	180
caagatngag	taagagacat	nggcagatgc	ngagaaggnc	aacccaatng	tnnnaacttg	240
cagaccgagg	gggagatggg	ntncagtctg	cacatgactc	gagcacagnc	ccccaccccc	300
accngactt	anaaaatcca	aaccgactac	aagaccagaa	acaaaccaca	tgccagtcgc	360
cccttgact	gtacacacat	gnggagnnca	gagccaccca	tnagagagagg	ctgctcagct	420
cagcaccctg	ngcanggctt	cctagaacta	nencaganeg	ggggannecn	tancccgat	480
tcnggggnagc	tgacnacagg	atgcacgnag	tgaaacccan	gggttagggg	agaggaccca	540
ccctggnaaa	aagccacgta	aatgggnacn	ancnntccan	ggcanccang	gncnactac	600
antcncnagc	acctccgngn	cncaanccgn	antcnnagaa	aanngnntan	nncncangag	660
nnnccccgan	nnncngnaatg	gccagnnaag	ctgnnncccn	cnggaacnag	nnaacgnnnn	720
ggcntatcca	nngtcgacnc	ctnccnggnc	gccanctccc	aaangncncg	aacgaggcnn	780
ngncagaana	nctctgttaa	aagaacaccg	ancaggcnaa	ggcncccact	tgananncct	840
cnaggnancc	gggnnggaga	aanctnanaa	ngantatnan	actnggnaac	nnnnanagcc	900
tctaaaaaaa	aaccg					915

<210> 3226

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3226

agnntnnttn	nnntataaaa	ncctntggaa	ctncctcttt	nngttgatcc	catcgantcg	60
aattcggcac	gaggcaagg	tgtgacattg	tcactttttt	gttctagact	cttttaaaatt	120
ttctgcattt	gcctgaaaag	cacccctgta	agaatagatt	tctcatggct	ctaaaaatta	180
ttcccaagaa	tnccntactt	ggttcaaaaag	cagactgttt	ctcttcattt	catctcaaat	240
cagacttctg	ggcaagatgt	tcttttagagt	aagcaaacct	acaacctaata	aatctcttca	300
agaggcatct	ctgggtcttg	gacaagacct	cttcaaaaac	ccacagtata	actccccctc	360
ctccagttgg	ccaccagtct	gccaccaaac	atgaacaaat	tctgctgcta	atcggtttcc	420
cttgtgatct	ggttcctgag	gtcttcggat	ctgtgcaatg	aattatttat	tgntttatta	480
aaccgacagt	ggtgtcccag	agaggaacca	tataataaat	ggaaatctgg	tgctgtgata	540
aagtaataac	tagcattaat	gagacctgg	tttcttttca	gaaagtccag	tatacctgta	600
acaaagggtta	aagcaattta	tatttaattt	gcattctgat	gttaacattt	aaacagcaat	660
tctnacaaaa	aatgcacoga	gtctaatctt	tacctctatc	aaaaaacaac	tgnttaaat	720
tatgaccaac	atttaaacna	aaaccaaatt	ggaaaatttt	cttttttnnn		769

<210> 3227

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3227

atcnatcent	ttctttatag	cttngtttct	ngttctntct	gcaggatccc	atcgattcgt	60
tagtgtactg	gatgtcaggt	ccctcaaaga	ttccttggac	cattttcatg	tgaatgaaga	120

```

agaaatcaat tgtctttcat tgaatcaaac ggaaaacctg ctggcttctg ctgacgactc 180
tggggcaatc aaaatcctag acttggaaaa caagaaagt atcagatcct tgaagagaca 240
ttccaatata tgcctcctag tggtctttcg gcctcagagg cctcagagcc tgggtgcatg 300
tggactggat atgcagggtga tgctgtggag tcttcaaaaa gcccgaccac tctggattac 360
aaatttacag gaggatgaaa cagaagaaat ggaaggccca cagtcacctg gtcagctctt 420
aaacctgcc ctagcccat ctatctctgt ggcttcgtgt ggtaatat tttagttgtg 480
tgcacaagat ggtaagggtc gaatctttcg ggtgatggga gttaagtgtg aacaggaact 540
gggatttaag ggccacactt canggggtatc ccaagtctgc tttctnccag aatcctattt 600
gctgcttact ggangaagt atgggaagat cacgttgtgg gatgcaaaca gtgaaanttg 660
agaaaaaac cagaagaagt nccacaaaaa ccgtaccccn caggaaggaa aaccctaaaa 720
ananggaacc ttgcaccna nccngggnn ggaaaatacc taaccnttt nntnaccc 778

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<210> 3228

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 3228

```

caaaanccct tttgnaannn nccnagnnn ttnatnncc tnnttgcaaa tngcttggct 60
actcgttctt tctgcaggat cccatcgatt cggaattata gtattgacgt gaatcccact 120
gtggatataga ttccataata tgcttgaata ttatgatata gccatttaat aacattgatt 180
tcattctgtt taatgaattt ggaaatatgc actgaaagaa atgcggccca tttagaatag 240
ctcgtgttat ggaaaaaagt gcactgaatt tattagacaa acttacgaat gcttaacttc 300
tttacacagc ataggtgaaa atcatatttg ggctattgta tactatgaac aatttgtaaa 360
tgtcttaatt tgatgtaaat aactctgaaa caagagaaaa ggtttttaac ttagagtagc 420
cctaaaatat ggatgtgctt atataatcgc ttagtttttg aactgtatct gagtaacaga 480
ggacagctgt ttttaaccct cttctgcaag tttgttgacc tacatgggct aatatggata 540
ctaaaaatac tacattgatc taagaagaaa ctagccttgt ggagtatata gatgcttttc 600
attatacaca ccaaaaatcc ctganggaca ttttnangca tgaatattaa acatttttta 660
tttcaagtaa ctttttccc ctgtgtaaag ttactatggg ttggtggnac naactttcat 720
tctatagnat attaatggg aaagtnggg gaaattctac nttttatggt tnggagtggg 780
cccaatgtct atcaaggagt gnacaaatta ann 813

```

<210> 3229

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(818)

<223> n = A,T,C or G

<400> 3229

```

gnnnnnntt nnnntttgc aaatnecctn gnaaannncc nagnnnnttn anncntntt 60
tcnaatnctn ggctactngt tctttttgca ggatcccatc gattcgaatt cggcacgaga 120
gnaatcaata tcttgaaaat ggccatactg cccaaagtaa tttgtagggt cagtgtata 180
cccatcaaac tatcattgac tttcttcaca gaattagaaa aaactacttt aaatttcatt 240
tggaaccnaa aaaagagccc atatagccaa gacaatccta agcaaaaaga acaaattttg 300
aggcatcatg ctacctgact tcaaaatata ctacaaggct acagtaatga aaacagcatg 360
gtactggtac caaaagagat atatagacca atgaaacaga acagaggcct cagaaataat 420

```

gccatacatc	tacaccatct	gatctttgac	aaacctgaca	aaaggaatgg	ggaaaggatt	480
ccctatttta	taaatggtgt	tgggaaaact	ggctagcctt	atgcaggaaa	ctgaaactgg	540
accccttctt	tacactttat	acaaaaatta	actcgattca	ttaaagactt	aaaagtaagt	600
tctcaatgta	taaaaaccct	ggatgaaaac	ctaggcagtc	cattcaggac	atagcatggg	660
caaatacttc	atgactaaaa	cacccaaaagc	aatgtcaacc	aaaagccaaa	attgacaaat	720
gggatctaac	ctaaactaaa	aaacttggtg	tgcagtttta	ttttgggant	gtgtgtgggg	780
gtacctctga	gttttcaaaa	aatgaagaaa	gtaagtcc			818

<210> 3230

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 3230

gnttgaannc	ccttngnntt	caaattngatt	gttactngcc	ttntgcagga	tccctcgatt	60
cgaattcggc	acgaggatag	cttaaagcaa	gtttacaagt	aattaaaatg	gacagtttgc	120
cattaaagat	ttttaatagt	ggttttgcag	tgtactggct	tgaattttct	ggacttgagt	180
taactgaagg	agagcctcaa	acnntagtaa	cttcattttt	aaaagttact	agaatttggt	240
atcctgattt	atattgcagt	gtttcaaagg	tgtcactgtc	agacaaatag	aaacactgcc	300
aacttggtgt	aacttaagct	ttcattttaac	taaaacattc	ttttcttgca	aaacttattt	360
ttcatgatca	tttttggtta	tttattatac	ttgattccaa	aatagtagac	ccttgaatct	420
ataaaaactgt	gcagtcatta	tgccagaaat	tatcttaaag	atataatggg	tcaccttgct	480
gttcaaaggg	tggtgcaagg	tcctgcagca	tcttacatct	gtagcttggt	agaaatgtaa	540
actctcaggc	cccacaactt	acttcctgca	ttttaacaag	atccccaagg	gatatgtatg	600
ctcataaaaa	attttgagac	actgggttaa	atggaaaatg	gatataaggn	atgtataact	660
gggggggtggg	gtgagggtag	gaaggcattt	accaactnag	attttattta	tttttgaaat	720
taatcaattg	gnttaaattc	taattttattt	acccaaatag	gggtctttta	aaaaaatatt	780
ttttattcc						789

<210> 3231

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 3231

gnttgaannc	ccttngnntt	caaattngatt	gttactngcc	ttntgcagga	tccctcgatt	60
cgaattcggc	acgaggatag	cttaaagcaa	gtttacaagt	aattaaaatg	gacagtttgc	120
cattaaagat	ttttaatagt	ggttttgcag	tgtactggct	tgaattttct	ggacttgagt	180
taactgaagg	agagcctcaa	acnntagtaa	cttcattttt	aaaagttact	agaatttggt	240
atcctgattt	atattgcagt	gtttcaaagg	tgtcactgtc	agacaaatag	aaacactgcc	300
aacttggtgt	aacttaagct	ttcattttaac	taaaacattc	ttttcttgca	aaacttattt	360
ttcatgatca	tttttggtta	tttattatac	ttgattccaa	aatagtagac	ccttgaatct	420
ataaaaactgt	gcagtcatta	tgccagaaat	tatcttaaag	atataatggg	tcaccttgct	480
gttcaaaggg	tggtgcaagg	tcctgcagca	tcttacatct	gtagcttggt	agaaatgtaa	540
actctcaggc	cccacaactt	acttcctgca	ttttaacaag	atccccaagg	gatatgtatg	600
ctcataaaaa	attttgagac	actgggttaa	atggaaaatg	gatataaggn	atgtataact	660


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gggggggtggg gtgagggtag gaaggcattt accaactnag atttttattta tttttgaaat      720
taatcaattg gnttaaatecc taattttattt acccaaatag ggggtctttta aaaaaatatt      780
ttttatttcc                                     789

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```

<210> 3232
<211> 766
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (766)
<223> n = A,T,C or G

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```

<400> 3232
ggnnntnaaan nngctctact gaatgccttt ggaaaggccc ccatcgtttc gaatncggca      60
cgagcttttag ttcagataaa ggaaacatcc aaaaatactg agattagtaa aattttattc      120
aaagtagggtt ccngctttgt ctgatctca atccattcta actcctgatg tcatttaccg      180
tgtgagatct tanncacaat catgaaaaga atatgagcat ttatcaaaac tctctgacat      240
ctgtatgttt agaaatgaac ttacacagca aaatatgatt tccttgcaact tattttaattt      300
ttctaacttc aattttctacc tatgtgtctc tgccagtttg acctgattca gacacccaga      360
acttgaataa agaagccctc ttctattttc attcttaatg aatatacctt ttcccatgtc      420
cacattgagc ctcccttctg ngtactctgt ctaatgcagc cacatgtcta gttccccctc      480
tctgtcacca cctcacttc ttctttccca tcttcttact tctttgggtg gacctcttgt      540
aggacaacat gccatttctg attccccaca cacataccct atcattgata cctaccctca      600
ggattagatt ctgtctaagt aattttgtaga gccatcaggc ttnantaagt attgggactg      660
caagtcaaca cccattatct catcaaaaang ggatgctgtg ttggggccag anggagaaan      720
gagagagaga gactnanaga gagangnccn ganagagagn aagacn                        766

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<210> 3233
<211> 831
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (831)
<223> n = A,T,C or G

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```

<400> 3233
gaancccttg gntttgangc catttttaat nccctggmnt gnnccctcga ttcgnnccgg      60
cncnaggctc ngtagagatg nntcttatcc tgacntnacy aangncttaa ctgncnnntn      120
tatggtagacn gtnnntgagg cngnatgncn nggancanan nctnaantcg aaaggnacct      180
agtgaagann gctnecgnnt cccntgcaa actggatacg gtannngaan agggagcctc      240
tgtgataaac gagacgagga ggaactcncn gacatatgag ctcaccacca cactaaaggc      300
actgtgcatg nctgctgacn gggttcnata gcgctcaang accagnatng acnnggacga      360
tgagttaatg ggnactaggg cncaantgtg cgatcanaga annttcncna agctcngcnc      420
atccttggan aacnntttgc tttanaacan cnnccttneg tgnctacnca cancctatgc      480
nacagactnn atnacctgaa caanggttta ctcaagnnag acngnnnncc tacgnncanc      540
ttagnnncca gggaaccnnn ntgnctttac aangtngntn nangtctna gntgagcata      600
cnaccagntc ggganctnct gacnagtttc ctncanactn gtcncngagc tgggaacggc      660
caagatnaac ccnnngccaa aactntttac gacnttggnc nnttcaaaga tcaagggggg      720
natttaanaa ctngaancct ntannccnnt tcnnaannntn cttttgnga cnttagnana      780
ngggntganc ccgggcnatn tntcaaaaat ccttnttant tcacnntgc c                        831

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```

<210> 3234

```

<211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3234

gnnnttttnnn	nnnnnnnttt	ncaaatcgct	ttggctactn	ggntcttttt	gcaggatccc	60
atcgattcgc	agaggctttg	ctagtatcct	tcaaccaatt	tctagtataa	atatacctata	120
taaccataat	tatcaaaacc	agaaaaacaa	cattggtagg	atactataaa	gtactaatct	180
tattttggat	ttgacgaatt	cctacatggt	tntttctttt	ttagtttgta	ctctaagaag	240
ttgtattaca	tgtacagatt	cgtgtaacca	ctgcaaccac	ataaaactaa	tgaacacaaa	300
gtccctcatg	ctaccttttt	atgcttacac	tccatccaaa	cctaactctg	ccaaccactt	360
ttctcctatc	agtataattt	catcatttca	tgaatatgat	aaaaataaaa	ttgtttttgt	420
aaatgggttt	tataaatttt	atataaataa	gttatatgaa	tttttattga	tagagagtat	480
gtaagctttt	ggcatttttg	tcactcagca	aattactcct	aaggtttata	tgagttgatg	540
aatagtgnnt	ttattatttt	tttttaccac	catgtatcta	accagatgaa	agttgtttat	600
atttgagagt	agtatacata	tttgatgtag	tagtttatcc	atttcaccta	tgagatatat	660
ttgcactggg	tttctggggt	ttaagtgctn	taaataaaga	tgctgtgaaa	tctaaaaaaa	720
naaanaannn	nnnnnttnnn	nnnnntnngn	nataatnata	nnnnnnnccn	nn	772

<210> 3235
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 3235

tccaaaatnc	ccttggantn	attccccctt	ncaatacctt	tccttngnac	actcccnngt	60
tnngntngat	ccatcgattc	gaattcggca	cgaggnaaca	aagaaggaat	gtcttcctca	120
tgtttnggtc	tatagaagac	gttaaagaaa	acttccagaa	agtgggtttg	aggcatgagc	180
caccacgcct	ggccaaagga	tttaatgaat	taatggatgt	acagtgcctg	ggctgttatt	240
ctagggcctg	cattgagact	cacattttgc	catcaaaagc	cttttaagag	gtggagggtg	300
cggtagctg	acatgggtgc	actgcactcc	ggcctgagtg	acagagttag	actctgtctc	360
acaaaaaaaa	taatgccctt	taaataatga	ataatagtga	tagaaaatgt	catttcttgg	420
acaaatgaaa	aattgaaatt	aatgtatata	attagatatt	attagctact	cttaggttagc	480
ttcatttggt	gaaagtgtga	caagtgaatg	aagttcacat	ctggaaatcg	ttgaacattt	540
ttcgttcatt	gaactcaatg	gctacgttag	tcgtttatgc	ttttcactgt	tgtaggtagg	600
gcttttgaaa	gtnaatgcca	tcaacaatgg	atacagaang	acctggattt	ggaataaggg	660
caaaaattta	ttttgatggg	gctgaattgc	tctgccaggg	agcattttgg	gtattgagat	720
gaaaatggcc	tctctttgag	actgagctgc	cacctggcaa	attattgnct	gcttaanggt	780
tctctttatn						790

<210> 3236
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 3236
 aanncccttt tnnangcgnt tccntncanc tnaaancgnt tgnaaactcnc nctntctgca 60
 ggatcccatc gattcgctaa caagcgattc taaaccacct atgagtattt ctttttagggc 120
 tcacttaaat acatgtttgt atatactgta ttctagccag aataatttta gatctgatca 180
 ggtagtagct aaaattagaa aaaaacaaaa tagatgctta aagaatttgc atccattttt 240
 gagtctaaat ctttttaaat atactgagat ccacatctag tgaaatgtca gtgtcaaaat 300
 attatagatt atagctaaaa tccagattaa tactcatttg gggtttttta tagtggaact 360
 tcatagtaat acaaaaagca gattgtcttc ctgtctccgc tgctcccaca gtaggtattg 420
 aaactggtaa aatcagtttt ttgatantgt gtgtatataa gaaaaaatag atacacacat 480
 tcttttttct cagtcaacac attgattgaa cactctggca aagatgctgt ggtggatgan 540
 gttggagttc gaaagaagaa gcaagcgctn gcctgccttg aaagaaccga agtctttccc 600
 attcacttct ctagaaagct gccaagacag aagcagaaag aaatgggatg atagttctgt 660
 caaagcacac ttctggntct ttagaacctt agaagtgnnt ctaagagaac agaagttatt 720
 aagaagaac nagntacgtg tgggaattca acaaccttng ggtnggaacc cattggcttn 780
 t 781

<210> 3237
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3237
 gtnttnnntt tcttttcta atgcttgata ctggttcttt ntgcaggatc ccatcgattc 60
 gaattcggca cgagccaaaa tgggggtggg ccgcagtggc tcacgcctgt aatcccagca 120
 ctttgggagg ccgaggtggg cggatcacga ggtagggaga tcaagaccat cctgggctaac 180
 acggtgaaac cccgtctcta ctaaaaatac aaaaaaaaaa caaaaaaac tagccaggca 240
 tgggtggcagg cacctgtagt cccagctact cgggaggcag aggcaggaga atggcgtgaa 300
 cctgggaggt ggagcttgca gtgagccaag atcgtgccac tgcactccag cctgggtgac 360
 agagtgaagac ttctgtctca aaaaaaaaaa aaaataggca caataagtaa tacatttctg 420
 cccaagtaag agccttccct tttgtggatg taatgaaaat atcttcaagc actttataaa 480
 tnaattatat gtctgatact agccttccat tgccctgcat acatctgatt gtcttggtta 540
 tttnagaaaa gggtagcccc ttggtatgga tagtagcttg atgacatgga attcagggaa 600
 aagactatga tgggtgcact tgtaactgct tttgtgctgt aaaattgtca tngattaaag 660
 aanaanaatt ngcttggnntg cngtggctta cacctntaat cctancactt ttnggaagcc 720
 aaataangga cttgnttgga nccangantt tcangaacaa cctg 764

<210> 3238
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3238

```

gtnttnnnntt tttttctaata agcttgggata ctctgttcttt ntgcaggatc ccctcgattc      60
gaattcggca cgagccaaaaa tgggggtgggg ccgcagtggc tcacgcctgt aatcccagca      120
ctttgggagg ccgaggtggg cggatcacga ggtaggaggaga tcaagaccat cctgggctaac      180
acgggtgaaac cccgtctcta ctaaaaatac aaaaaaaaaa caaaaaaaac tagccaggca      240
tgggtggcagg cacctgtagt cccagctact cgggaggcag aggcaggaga atggcgtgaa      300
cctgggagggt ggagccttga gtgagccaaag atcgtgccac tgcactccag cctgggtgac      360
agagtgaagac ttcgtctcaa aaaaaaaaaa aaaataggca caataagtaa tacatttctg      420
cccaagtaag agccttccct tttgtggatg taatgaaaat atcttcaagc actttataaa      480
tnaattatat gtctgatact agccttccat tgccctggatc acatctgatt gtccctggtaa      540
tttnagaaaaa gggtagcccc ttggtaggga tagtagcttg atgacatgga attcaggga      600
aagactatga tgggtgcaact tgtaactgct tttgtgctgt aaaattgtca tngattaaag      660
aanaanaatt ngcttggntg cngtggctta cacctntaat cctancactt ttnggaagcc      720
aaataangga cttgnttgga nccangantt tcangaacaa cctg      764

```

<210> 3239
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (768)
 <223> n = A,T,C or G

```

<400> 3239
atggcttttg nnagntccnn ntctttcaaa tncctggcta ctctgttcttt ntgcaggacc      60
catcgattcg aattgtaact tattccagga taaatgtcat atgcatatga ttttcatatg      120
actttgatga gtatcttcag ggaaaattcc taaaaatgaa attgctggat taaggggtaa      180
atgcatgtat agttttgtta gacagggcca catacccttc cttagaggta gtaccctttt      240
gtattcctgc cagtaataata tgagagtcga cagagtatgt ggtaagctt tagaatgctt      300
gtccatctga tagggaagaa atcgtgttgc cttaatttgc ctttctttta ttatgaatca      360
gattttaate ttttgctctc agaactatag tgagtcgtat tacgtagatc cagacatgat      420
aagatacatt gatgagtttg gacaaaccac aactagaatg cagtgaaaaa aatgctttat      480
ttgtgaaatt tgtgatgcta ttgctttatt tgtaaccatt ataagctgca ataaacaagt      540
taacaacaac aattgcattc attttatggt tcangttcac ggggaggtgt gggaggttnt      600
tttaattenc ggccgcggcg ccaatgcatt ggggcccggg cccanctttt gtcccttta      660
tgaggggtta attgcgcgct tggcgtaatc atgggtcataa ctgattcctg ggtgaaattg      720
tatccgcgtc acaattcccc accaaccatcc anncccggga gcataaaa      768

```

<210> 3240
 <211> 957
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (957)
 <223> n = A,T,C or G

```

<400> 3240
annggagacn nnnngnngann gnggggggnnn acnnngaaan ncnananan acacannann      60
nannnnngag gggcaacaaa cncnnatttt cgaaaanccc ttttggngnt gacccnttc      120
naacacttgc ttntcgccct ntgcaggatc ccancgnann cgaaggnggc ncgaaagcac      180
ggngtccna nngatgngn aaanatgacc gataaacttc ngggncngat aatgaanggc      240
actatnggnc atactgatgc tgnctcatgg genctaccan agacngaac tggaaaaggc      300
tctgcagngt ctgggatacg ctcaagtctg cangggaggg caggngtgag ggggaatggcc      360

```

```

ccgganggtg atggggcnnng ngcatccgat gcagcnntat agctctgnaa ttaccaetttn 420
caaaactntn attacgaaaa atgtcaagga cccnggaatn acaagngagg naggcaggat 480
aatggccccc aanatgcccn tgttgagacc cccanacctt gagagtgcct cacatgggga 540
agactgtcct acgtcanent gcacgccccn ggagccccc ngggccctta aagcttgaga 600
gccttncctg ctgagacnga ganatgccag aagcaaggag aggcnagaac ccgaggaggg 660
cccgcancct gcccngnatg gcccttagaa ggaagggccc naannagcgt ggtggccccc 720
ctaaagcaan ctgngngacc nggggggacc ctngangtacc caangccccc gcaaagcaaa 780
accnngaaat ttcnnggcca aaccanacac ccccaangga atgngaangg aaannngaa 840
aaggnaaccc cctngaccnn tgggcaaaaa accccttgga accccctga aaccttcnac 900
cnaaaatngn gtnaaancnc ccgcganngn gacttnagt ngcaagcaca cancccc 957

```

<210> 3241

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3241

```

ntgtaancct tttcaaatcc cttggctact tgntctttct gcaggatccc atcgattcga 60
attcggcacg aggcgggaacn gtgactctgg nnacgcttgc gncentnacg tagntngnng 120
accntgcang anggaanaan ggctggccnn cngntgtacn ctnacccgtcc taaccccgcg 180
aggteccaggc ccgtctcttt cggngnggat tctcgcgga natccctccg gcagctcttt 240
gcaaagctgn ttagaaactt ctcccaaact cggcntggat acgactgcta tagggctcgc 300
tgctgctttt gtggagctct tgctcctcta tccttggcct ctctgggat acggcccaag 360
gccaagtntt cagcgangtt ggtacgctta tttcgttctg gactctgggg gctntgaann 420
ttcaccacgt ggactgctgg ggancgggnt nccgancact ngnttacctt acnccanaat 480
ctgacaactt ttctggacaa cctacccanc ttcaattggc tngngagcnc ntengntgct 540
ggggnntncn gtgcaaatgg agncncaatt ggtgggcaaa tngttgatgg ncaaaacggg 600
aaaaagcaac nnncaangct tttggctnaa agccgatang acncaaatta nttctttgg 660
accttganaa tttcctcaan nnttttnagn annncctttt ttnccttggan aaanacttaa 720
aagtgaacga ttnttgggaa anaaacaaac tataataact naaagctttt ntaaaaaaaa 780
annaatnnt 789

```

<210> 3242

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 3242

```

tcnaaatccc ttttgnnagn ttncnctttt gtttcccttt nctnggctnc ttgttctttt 60
tgcaggaatc ccatcgattc gaattcggca cgaggctcct ttgaaccacc ccaaagaact 120
caacatggca aagcaaatgg taaaagcttc ccgactgttc tactttgggt ccgcgcgaag 180
cccactcacg tgtgatctgt gttgcccctg ggaggcccg ggcgaccgga aaagggtctt 240
ctcaagttct gaaaagagaa tctgccacca gatcgaattt cgacccctga gcttgttcgg 300
acgtatggtc caaattcaga ttaaggtggc caccacaacc gagatgtcag gaaaggcctt 360
ctgcagagaa aatgtccccc caccgccc atgcagccag gtgtgtgcca caggcgagcc 420
ttcccgaaac atagtatgga ttttaaaaat gtgtttatatt ttgtttctca accactttat 480

```

```
<210> 3243
<211> 784
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(784)
<223> n = A,T,C or G
```

```
<210> 3244
<211> 790
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(790)
<223> n = A,T,C or G
```

<400> 3244						
tccaaaatnc	ccttggantn	attccccctt	ncaatacctt	tccttngnac	actcccngtt	60
tnngntngatc	ccatcgattc	gaattcggca	cgaggnaaca	aagaaggaat	gtcttctctca	120
tgtttnggtc	tatagaagac	gttaaagaaa	acttccagaa	agtgggtttg	aggcatgagc	180
caccacgcct	ggccaaagga	tttaatgaat	taatggatgt	acagtgcctgg	ggctgttatt	240
ctagggcctg	cattgagact	cacattttgc	catcaaaagc	cttttaagag	gtggagggtt	300
cggtgagctg	acatgggtgc	actgcactcc	ggcctgagtg	acagagtgag	actctgtctc	360
acaaaaaaaa	taatgccttt	taaataatga	ataatagtga	tagaaaatgt	catttcttgg	420
acaaatgaaa	aattgaaatt	aatgtatata	attagatatt	attagctact	cttaggtagc	480
ttcatttggt	gaaagtttga	caagtgatag	aagttcacat	ctggaaatcg	ttgaacattt	540
gtctttcatg	gaactcaatg	gctacgttag	tctgtttatgc	ttttcactgt	tgtggtatgg	600
ttcgttggaaa	gtnaatgccca	tcaacaatgg	atacagaang	acctggattt	ggaataaggg	660
caaaaaattta	ttttgatqqq	gctqaattgc	tctgccaggg	agcatttttg	gtattgagat	720

gaaaaatggcc tctctttgag actgagctgc cacctggcaa attattgnct gcttaanggt 780
tctctttatn 790

<210> 3245
<211> 784
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(784)
<223> n = A,T,C or G

<400> 3245
gnnttttcta aatcccnttt gcnttactcc ctcttttcaaa tcgcttggtt acttgcncn 60
ntngntttgc aggcattcca tcgattcgaa ttcggcacga ggaacaaaga aggaatgtct 120
tcctcatgtt tgggtctata gaagacgtta aagaaaactt ccagaaagtg gggttgaggc 180
atgagccacc acgcctggcc aaaggattta atgaattaat ggatgtacag tgctggggct 240
gttattctag ggctgcatt gagactcaca ttttgccatc aaaagccttt taagaggtgg 300
agggttgcgtt gagctgacat ggtgccactg cactccggcc tgagtgcacag agtgagactc 360
tgtctcacia aaaaaataat gcccttttaa taatgaataa tagtgataga aaatgtcatt 420
tcttggacaa atgaaaaatt gaaattaatg tatataatta gatattatta gctactctta 480
ggtagcttca tttgttgaaa gtttgacaag tgaatgaagt tcacatctgg aaatcgttga 540
acatttttgc ttcattggaac tcaatggcta cgtagtccg tttatgcttt tcaactgttg 600
ggtaggggct ttggaagtaa atgccatcaa caatggatac agaagacctg gatttggaat 660
aangggcaaaa tttatttgat ggggctgaat tgctctgnca ggancatttg gtatgagatg 720
aaatggcctc tcttgagact gaactgccaa cctggcaatt attggctgct aanggttctc 780
tttt 784

<210> 3246
<211> 784
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(784)
<223> n = A,T,C or G

<400> 3246
gnnttttcta aatcccnttt gcnttactcc ctcttttcaaa tcgcttggtt acttgcncn 60
ntngntttgc aggcattcca tcgattcgaa ttcggcacga ggaacaaaga aggaatgtct 120
tcctcatgtt tgggtctata gaagacgtta aagaaaactt ccagaaagtg gggttgaggc 180
atgagccacc acgcctggcc aaaggattta atgaattaat ggatgtacag tgctggggct 240
gttattctag ggctgcatt gagactcaca ttttgccatc aaaagccttt taagaggtgg 300
agggttgcgtt gagctgacat ggtgccactg cactccggcc tgagtgcacag agtgagactc 360
tgtctcacia aaaaaataat gcccttttaa taatgaataa tagtgataga aaatgtcatt 420
tcttggacaa atgaaaaatt gaaattaatg tatataatta gatattatta gctactctta 480
ggtagcttca tttgttgaaa gtttgacaag tgaatgaagt tcacatctgg aaatcgttga 540
acatttttgc ttcattggaac tcaatggcta cgtagtccg tttatgcttt tcaactgttg 600
ggtaggggct ttggaagtaa atgccatcaa caatggatac agaagacctg gatttggaat 660
aangggcaaaa tttatttgat ggggctgaat tgctctgnca ggancatttg gtatgagatg 720
aaatggcctc tcttgagact gaactgccaa cctggcaatt attggctgct aanggttctc 780
tttt 784

<210> 3247

<211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 3247

gtttcnaata	ncttgetttt	nnnnnnntctt	caaatngttg	gacccccctgc	aggatcccat	60
cgattcgaat	tcggcacgag	gtgtgcttgt	gaaatgtcca	ggcgtgtgca	cagccagtgc	120
gcccacttcc	gggctccttg	ctccctgctg	tactgaagtt	ttggattttg	catccaatcc	180
tgtgtgcctg	cccttctgcc	gaaggcttgt	gaggggcctg	agtcctctgc	ccatcaggat	240
gacaggtccc	ttcctgcagg	gccatangag	ggaagttttg	gaaacacaga	atgattccaa	300
ggtgctctcg	ttcctgaggg	ggactgggtt	gtaacccatg	acatctgtgg	gcgagagagg	360
cagctgggag	cangacactt	ggaggggtcac	cccacggggg	tggcacctgc	actctgagtg	420
ccccccactg	tcatcagctg	cctcttaccg	tggacacagt	tntggttttg	gggactangg	480
ggcccnactc	ctgggtgtac	cgtttggaact	tactagggca	gtgggacata	tangccccgg	540
gctagtgnag	taacggggag	ttacnctga	tgactntttt	gatggaatcc	tgcattagat	600
agcttngtgg	gacccccccc	ctcanaattt	gggggaactga	ngagaattcc	nngaaggtgn	660
cnttcangga	gagcaccttt	naagggggccc	cctaacttcc	tgagcctgga	aattagaata	720
ancattaaag	gggcatacac	accttttccc	aaaaaacccc	tntccatttg	gtttttt	776

<210> 3248
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 3248

gttctaattgc	ntngnntcat	cctttcttca	aatgctgtng	ttctttttgcn	gateccctcga	60
ttcgaattcgc	gcacgagacc	ctctctggcc	acatggaggc	agtttccctca	gttctgtgggt	120
cagatgctga	agaaatctgc	agtgcattct	gggaccatac	aattagagtg	tgggatgttg	180
agtctggcag	tcttaagtca	actttgacag	gaaataaagt	gtttaattgt	atttccctatt	240
ctccactttg	taaacgttta	gcattctggaa	gcacagatag	gcatatcaga	ctgtggggtc	300
cccgaactaa	agatggttct	ttgggtgtgc	tgccccctaac	gtcacatact	ggttgggtga	360
catcagtaaa	atgggtctct	acccatgaac	agcagctgat	ttcaggatct	ttagataaca	420
ttgttaagct	gtgggataca	agaagtgtga	aggctcctct	ctatgatctg	gctgctcatg	480
aagacaaaagt	tctgagtgtg	gactggacag	acacagggct	acttctgagt	ggaggagcag	540
accaataaat	tgtattccta	cagatattca	cctaccactt	cccatgttgg	ggcatgaaaa	600
gtgaacaata	atttgactat	agagattatt	tctgtaaatg	aaattggtaa	gagaaccatg	660
aaattncata	ngatgcngat	gcagaaagca	acctttttga	aagtttatat	aatggtttna	720
cccttcataa	ccagcttaac	ctttcacttt	ttcttatttt	ggatttataa	ataagaa	777

<210> 3249
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3249

```

gntcctnnnt tcttatnct tggctactcg ttcntctgc aggatcccat cgattcgtag      60
ggattgagga agatctagca gaaccttcta agtctcagac acgtaaacc aagtgtggca      120
aaggaaactca ttgctctoga aatgcatata tgttggttta tagactgcaa actcaagaaa      180
agcccaacac tactgttcaa gttccagcct tcttcaaga gctggtagat cgggataatt      240
ccaaatttga ggagtgggtg attgaaatgg ctgagatgcy taagcaaagt gtggataaag      300
gaaaagcaaa acacgaagag gttaaggagc tgtaccaaag gttacctgct ggagctgagc      360
cctatgagtt tgtctctctg gaatggctgc aaaagtgggt ggatgaatca acacctacca      420
aacctattga taatcacgct tgcctgtgtt cccatgacaa gcttcaccgc gataaaatat      480
caattatgaa gaggatatct gaatatgcag ctgacatttt ctatagtaga tatggangag      540
gtccaagact aactgtgaaa gccctgtgta aggaatgtgt agtagaacgt tgcgcgatat      600
tgcgtctgaa gaaccaactt aatgaagatt atnaaactgt taataatctg cttgaaagca      660
gcnagtaaaa ggcenatgga ttttgggggtg ggggaantcc cttccttgcg gantttggcc      720
ccanctanctn tctttgaaca ncttgnntnaa ncaananggg nggatgcann      770

```

<210> 3250

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3250

```

ggnnnnnttt ncccccttt tgaaaacccc ttttggngga ancccncttc tttnaaatcn      60
cttggctact cgtctttnt gcaggatccc atcgattcga attcggcacg agtatataac      120
aacttttgc tcaaaagttg ggtgggacta gaacacacaa tggaaggatg gagtcaggag      180
acctggattc ttgtgcccgc tctggctttt acagtctgcc taactctatg cagtcacttc      240
ctgccagcct gtttccttac ctacaagagg gagagacact cctggccag cctagttctc      300
aggggtgaacg aaaggctcatt atcactgcat cctctagtca tttgcttctt cgctaattaa      360
cacatcttga gcacctgcga tgttccagga acaggagatg gcagcgtgca agataaaagt      420
cctgacttc tagagactgc atgttagtgg caatcggcgt ctaccgggc ttcaataaac      480
tactgaatga aggaaaattc tacctagcac cagacacaa tactgggttt ctaaaatgga      540
attattcccc cgccccctg catccagcag cctgctgcag ggaagctcct ccgaagctgt      600
aggcaggagc gggacaaatg cttgctatca gcttcacaga atgttaccta agtactattc      660
ctacacagcg ctttacagaa caaacagtaa aaaccaaag gnaagcatgc acnggcttaa      720
aaactcaaac ttctaacta ctcagtaatt anganggtca ttttacccca aaatagaatt      780
ttcnatttat ccaataanaa

```

<210> 3251

<211> 1144

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1144)

<223> n = A,T,C or G

<400> 3251

```

gnnnnnnnnnn nnnnttttnnn nnnnnntttt tttgnaaaaa aatccccccn ttttgggcn      60

```

```

aaaaattngg nccctccttt ttnttgggca agggggaatc cccccaaatt ttttnnaaaa 120
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gaaa 1144

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<210> 3252

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(818)

<223> n = A,T,C or G

<400> 3252

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ggctaccgta gcagcgtana gaggctgaaa atctaactag ggtggaagca gccaggcagg 180
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caagctcact naatgngcng ttgncntang nttagttnnc ttgcaatnct attnggattt 660
gngnccctaa gtctcctgggc atatatgccn nnnctnntat ggncaagggt cacncttgn 720
gngcantttt acacccttnn aagtcntgna nntangntgn gnagnaangn aaactaaacn 780
aatttannan nanntatata aanctcnnnn ncccttcc 818

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<210> 3253

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 3253

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tggagactgg	ctcatacctt	gccagatccc	tctctcagtt	ccagccttct	ggacaaggcc	180
tgggctaaga	ggagctgnnt	cgttatctct	tcacccactg	ccctctcagt	atcaccagtc	240
ccaaagacag	gatacgtccc	tgtaacccaa	tctctcgggt	gattgatagc	agaacagctc	300
ttgttggtct	gagaaggcag	gataagtgac	cacatattta	tgccactacc	tccaccaggg	360
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tgetactccc	gttcttctg	ctttctctgct	ccgtatctca	gtctgcaactg	accccaaggc	480
tgggctgaca	tcaagatggg	agcccagccc	acgggcttta	taaacaccca	agaaccgttt	540
cagatcttct	ctgggtgctga	tgcangtagt	tttaaatttt	tctcaagttn	cagtgataga	600
aaaccacac	aatcatctc	tggccagctc	taatagaata	tcagaggtn	anaagggcct	660
tcanaagaac	ttttnacnca	atgcctgctt	gggggaaang	gaaagttgac	ttaacccccg	720
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<210> 3254

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 3254

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gacaagcaga	tgctaataaa	agaatctgca	tctttgttng	ttattccatg	ttaaaggggt	180
gaaataaagg	taagagaatn	tttgtactgt	tgttatcccn	aatccatctc	ctgttctact	240
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ttttcatttt	aagttcaggg	taccaacatt	tctttccatg	gatgttgatg	gacgtgtcat	360
cagagctgac	tctttttcaa	aaatcatttc	ctctgggttg	agaataggat	ttttaactgg	420
tccaaaaccc	ttaatagaga	gagttatttt	acacatacaa	gtttcaacat	tgacccccag	480
cacttttaac	cagctcatga	tatcacagct	tctacaccga	atggggagaa	gaagggttca	540
tggtcatgt	agacagggtt	atttgatttc	tatagtaacc	agaangatgc	aatactggca	600
gctggagaca	agtggttaac	tggttggcag	aatggcatgt	tctgtctgct	ggaatgggtt	660
tatggnntaa	aggtnaagnc	tttatgntgt	aaagaacctg	tttgaagaaa	angccgttaa	720
gatggggggn	tttaatgcct	ccctggaaaa	tggnttnttc	cgtcgntang	ttaannttcc	780
tagncccttc	ttnc					794

<210> 3255

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 3255

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gacaagcaga	tgctaataaa	agaatctgca	tctttgttng	ttattccatg	ttaaaggggt	180

gaaataaaagg	taagagaatn	tttgtactgt	tggtatcccn	aatccatctc	ctgtttctact	240
ctctatttcaa	aataatcgta	cagtgactaa	cagagctttc	agaccaacag	tattttttat	300
ttttcatttt	aagttcaggg	taccaacatt	tctttccatg	gatgttgatg	gacgtgtcat	360
cagagctgac	tctttttcaa	aaatcatttc	ctctgggttg	agaataggat	ttttaactgg	420
tccaaaaccc	ttaatagaga	gagttatttt	acacatacaa	gtttcaacat	tgcaccccag	480
cacttttaac	cagctcatga	tatcacagct	tctacaccga	atggggagaa	gaagggttca	540
tggtcatgt	agacaggggt	atttgatttc	tatagtaacc	agaangatgc	aatactggca	600
gctggagaca	agtgggttaac	tggttggcag	aatggcatgt	tctgtctgct	ggaatgggtt	660
tatggnttaa	aggtnaagnc	tttatgntgt	aaagaacctg	tttgaagaaa	angccgttaa	720
gatggggggn	tttaatgctt	ccctggaaaa	tggnntnttc	cgtcgntang	ttaannttcc	780
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<210> 3256

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3256

ctaattcttn	tcnntngctt	tnnngangat	ccatcgattc	gaattcggca	cgagagactc	60
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tagagtccag	acatcagnaa	ctagttccat	gtntttttt	tcactaccag	tccttaggcc	180
ccaaaccgca	gatcctgctg	tgnggaccat	taagccccctg	actgttctag	gctcaacttc	240
caaccctttc	tgcaggctct	attacctctg	cctcatcctc	ccaacatgat	aaccagagtc	300
ttccttcaca	ttgtactgcc	tacccccctta	tgttcccagg	ctctcccttg	gttttattac	360
ctccttgag	tccattttca	gatcctgtcc	attgatctcc	acccgcacaa	tgatcacctc	420
ataataccac	tccgcgcgga	tggtgtata	ccagagactg	cctgtgtaca	agcgagtggg	480
cgatacctca	atgatctang	gaaaaaaaga	ngcaggctcc	gtgtcctggc	acagaaggag	540
agtgaagccc	caaggaccaa	gcaataagat	cagtgaattc	ttgggggtggc	aangtcttct	600
acaggctacc	cttttcatct	tctgtcttnt	aaacaaatca	tacccaaagn	gatttctant	660
ttcttnaatg	tggtcagggg	gaaaagactt	ttcnggaat	ttttaattta	tttggttcan	720
aatcatata	ggccttggan	antaaaggta	ttttaaatct	aaaactggcc	ncaattaaan	780
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<210> 3257

<211> 822

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(822)

<223> n = A,T,C or G

<400> 3257

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ccatcatacc	ttctgaaaga	aaaaagcata	tcttcattga	cataacagaa	gtgagatggc	180
ccagtcttga	tacagatggg	accatctntt	atatggagag	tggtattgtg	aagataacat	240
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ttttgtgtaa	agttagccag	aagtcagact	catctgcagt	gttgtcagaa	acaaataata	360
aagcccaaaa	agataaaacta	gttgaaaaaa	ctggcaaaat	ctgtatacgt	ggaaattttac	420

cangacagag	actgaagaat	aaagaaaatg	agtttccattg	ccagatcatg	aaatccaaag	480
aaacttttaa	gaagatgagt	tgtgtaaatg	gaactgaagg	gaggggaagag	ctgccttcgc	540
ctggtacaaa	gcacacatgt	gtatacacat	gggtcaagca	gtgctggtct	gtggctgcct	600
gtccagagga	atgggaaata	ttcctttgtc	tttagcactt	catttttcta	aataaaaatc	660
anccaatatg	tctaaaaaaa	aantttnttn	ataataaacc	tngaagccct	nttanaacct	720
tntnntggag	gtcctnnttt	acctatgat	tcccggaact	tggataagga	atcccntttg	780
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<210> 3258

<211> 1052

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1052)

<223> n = A,T,C or G

<400> 3258

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aaagccaatt	ttaatttaac	cttnaggggg	ccttgggccc	ctccccaatg	ggttgggttn	180
nnnntntcca	aaaaaanggc	ccccccnaa	tttnccaaaa	gggttntnt	ttaacctttt	240
tccttnaatg	gggggttnna	aaaccctnaa	aaattttnnn	ttaaccaatt	naccacacca	300
aaaaaatcct	tttttnncca	attttntntn	cctgggaaaa	ccttttcccc	tttttaatgg	360
ggctttttta	ccttgggtcaa	ccccccaact	taggtanttt	ggatggtctt	taagctaann	420
gaaccnaaat	tnctggatca	atttcacttt	gtcacatcag	ggaaccctat	cctcttagtt	480
ctcccattga	gatttcactg	ctggactaag	attattcttg	attcgtagtc	attggnttct	540
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gcattttgag	gatattggng	ttaatgggaa	ggaaaaagga	atgggtgcaa	agcacatggn	720
atttgaattc	caaagacctt	gaccctcang	cattagcaag	gtcacttggt	ttctgagcct	780
canttttctt	actctcaaaa	tggagggtaa	tatcccgaag	agnactttga	caaccacacc	840
ttaaaaagcct	ggatgcaana	atttnccttt	tttgnaagta	aattgnggct	gggttcttaa	900
ttncataatn	ngggataatg	gggaattcct	anggggaatt	ngggctatta	ggaatccntn	960
cnatttttaa	aaatgggtatt	ttaacangcc	ttggtaaaan	ggttcanttn	catggccatn	1020
ngngaacaat	gttccccntt	tatgaannta	cc			1052

<210> 3259

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3259

gnnnnnnttt	nnnnnnnngt	ttcnaatnct	tggcattgat	ccnttgnttg	atcccttnat	60
tcgctgacaa	cttgattggg	ttctccttca	ggtttgaagc	gccctcgaga	agtgtctaaa	120
ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240
ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcttagttga	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420

cettgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaatangg	480
gaaactattc	agagaaaact	taagccacta	agttttatgg	ngntttgttc	tgtagcagaa	540
gcatagggcat	actgacaata	caaaccgaaa	tcctttctaac	gtagtggacc	ttttcagggc	600
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<210> 3260

<211> 1098

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1098)

<223> n = A,T,C or G

<400> 3260

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cgggccncca	ggncgggna	aaggccccc	ttgggcggcc	cccgngcggc	cccaatgggt	180
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caaaaaagga	atggttattt	ttcaaattta	aaaaaggaac	nttgggaaga	aagaattggc	360
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naaaanggna	aaaaaatttt	nggggggttt	tggnaaggna	aaaatttnaa	atttggattt	960
ngaaactttt	ttngggaatt	ccccagaaag	aacttttgac	cttccttng	acctnaaaaa	1020
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naaccttttn	tncttacc					1098

<210> 3261

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(849)

<223> n = A,T,C or G

<400> 3261

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gtaacatcng	gaaaaaacag	ctnngnccctg	ggngaaaaag	gatgccaaaa	tngcctggaa	180
aagagcagng	gagaggagtc	cgggagatgn	ngatgcac	gggacgcanc	atngntnaac	240
attcactggg	tctgccaaaa	atgtggattt	gnnggctgct	tagatngtta	caaggcaaaa	300
ggaaaggaaa	gagttctaga	gataaaagaa	ctatatgctt	ggatgaagtg	tgtgaaggga	360

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cagcctcatg atcaccaaca tttaatgecc aacccaaaat tataccnggt tctgntttga 420
cagacttcta gatgccatgc acactcttag ggaaaaaata ttgggattaa ancccatngg 480
cattggacta acaaacagga atttacaagg tnggaaantt ttncnaccaa tgaaaggggg 540
gatcncaagg ttttcagaa nggntcntaa tencaggnaa taaaaattnc tctngggcaa 600
gccttgagtc ttaancagca aaaanactcc tcccgaancc tgnagaaaaa agggggggca 660
gccaggcccn naaanggaan gtnaggcccn agatnaacaa ngtnacctcc ncccagnaaa 720
ccccannccc caactggnac cngggnaacc cacaacnttt gcngaagncc aaaaaagncc 780
nnnagangga aaaaaaaaaa naananaaaa aacctnnnag cccctaagaa accttagggg 840
nggcccncc 849

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<210> 3262

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (858)

<223> n = A,T,C or G

<400> 3262

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tctctgtgaa agaagacctt tcttggccag gactcgacgt gggtaacctg tttcatcgnc 180
cncgggtac cgtcatgggt gatggtgaag ggagtgaaca nancggccct acccccaggc 240
agngtcattt cgtacccttt ggagaatgca gtccctttta gncctgacag tggtgcaa 300
tccattcact ccttattttc tgaggaaaact cctgtgtttt tgcagttggc tcccagttag 360
gaaagagtgt atatggtagg gaaggcaaac tcagtgtttg aagacctttc agtcaccttt 420
gcgccaagct cccgtaatcg cctgtttcaa gaaaactctg ntctcagntt caactccctt 480
caattctctg agtnggaaca atgaaagntg acctgctcnt ttctttctga acngcaagt 540
ctacaatgat atttcaagct ttgctggcct cggacattaa gcattntagc ccaaggatca 600
attctncctg gaattaataa tttcacntgg gangcctggc aagggtttgga atgaaaaatt 660
gggggaagccc ttatggggga aananctttt gaacaanttc aataagaatg cnttnaaag 720
aacccttggg tgaccccntt gccaaaaant ttggcaacaa tgaacatngt tcaagncttt 780
tatggggggg gaantgccnn nggntngaa nttaggcccc tngnaaaaat caattttgga 840
caacctcccc ttcatan 858

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<210> 3263

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (835)

<223> n = A,T,C or G

<400> 3263

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tttttttttt tttttttttt tttttttttt aagtttttag ttaattaang nncctgcgaa 120
aaatccanac cagntttatt tcagggggnna nagtnanaaa ncncctgcaat ntgnncttaa 180
ngggattcga ttngaggccc ccncncnggg gganantgtn anccagggat acnacaant 240
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nnaantaaag cattttgacn atgactgntg cctaaananc cntggcattg gccagggatn 360
ctgtggaacc cttttttntt tnaatgggtg ntgagcatta aactgncact tgttnanngn 420
nattagannc tttgatngna acttttnann ancccccgaa nncctgggncc cctnaatntt 480

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tnaattngcc	cctntttttc	cnanggggat	atantatttn	ntntngggtn	ggaaaatttt	540
tanaggatna	anntnccct	ttttttnttt	tttantcccn	atnttttnnt	tntncttttn	600
ncccttttt	tntnttgngc	nnnntanaaa	tttctctgta	antggatttt	naattttngg	660
naannnnant	ntaanggnct	cctttttttt	aatttnanaa	aatgggtttt	natntttctac	720
tcttctnancn	cntnnggntt	tctnactca	natgtngcnn	nngnnaaaaa	aantnntttt	780
ccatgggnct	nnctaanata	aatcttctnt	naatgggtnt	tannnttttt	caaan	835

<210> 3264

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 3264

ctaatagctt	ttcattcnaa	tgcttgtgat	ccctcgatcc	gaattccggt	gctgtcggac	60
agattgcctt	agtaccacc	cacctatcag	ggttatgcaa	tggaacatcc	tcgcccgaagc	120
tcttgagaaa	ggcaaagaca	actttgtaca	gtgccctggt	gaagcactca	aatgggaaga	180
aaggaaatgt	ctcatcctgg	aagaaatcct	ggcctaccag	cctgatatat	tgtgcctcca	240
agaggtggac	cactattttg	acaccttcca	gccactcctc	agtagactag	gctatcaagg	300
cacgtttttc	cccaaaccct	ggtcaccttg	tctagatgta	gaacacaaca	atggaccaga	360
tggttgtgcc	ttattttttc	ttcaaaaccg	attcaagcta	gtcaacagtg	ccaatattag	420
gctgacagcc	atgacattga	aaaccaacca	gggtggcatt	gcacagaccc	tggagtgcaa	480
ggagtccagg	cgacagttct	gcacgcctgt	tacctatcta	aaagcacgca	ctggctggga	540
agcggtttct	atcagcttaa	ggcttgtgga	ctcttcagaa	cctgcaaaac	atnaccacaag	600
gagcccaaga	ttncctttat	tgtgtgtggg	gacttcaatg	canaccaaca	gaanaagggtc	660
tncaaacact	ttgcttcttn	cagnctnaac	cttganagnc	ggcctacaag	ntgetgaatg	720
cttgatgggc	aatttagaac	cccatacac	ctacctgg			758

<210> 3265

<211> 1050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1050)

<223> n = A,T,C or G

<400> 3265

tttctaattgc	ttggctttga	gncctctntt	taaaatcctt	tggnactac	tctgcacgat	60
gcggcgctga	cccgngcggg	cccacaccgg	ctctttntct	ttctttgccc	cggactccct	120
ttcctgcctc	caagacctgg	gtgtctacaa	ctgtgagccc	agcttggncc	aaaggcagtc	180
cccatgggac	ctagactcac	cttncccttg	cctctatgaa	accttctgct	tggggcccanc	240
ccctgttcca	gctcccagac	tgcacttcc	tgtgtggact	cangectcca	agctccctgc	300
ccagcnagcg	gncttcagcc	accgtcttcc	cctttctttc	gggcectgnt	tgtnagcanc	360
tttgacagaaa	cccananggg	acctngtgcc	ccttgcnag	netgtcgcct	tgggtgcaaga	420
ctgncctgtn	ctgcatcatt	ttncatgggt	gncgggggtg	tggggntnnn	cnnngcgnnn	480
cntgntcaca	atcaancatn	tatnccctnan	ntnggggtatn	acnaatggcc	tnaagantgc	540
taententan	nnnnganttn	tcangnnntn	ttactaacnt	ncnatngnnc	ntnganatag	600
ncatgnantn	ttagtntntg	atntancnc	nattgcagcc	ncataattat	cctacaccac	660
anannaancc	ntccttnnag	aanntgnent	ctatgnaana	gnctnnnaat	gtggcnnena	720
atataanntn	ntntnctnnc	atentannnn	nttctacgt	nannnnncat	nnnncetntn	780


```

ggnnaactatc ncatantaca tcnntnannn caccatnct nntntnanat ntctcntggg      840
nantnnnttc tectnnanat ncnctaatna ngatctctca nntacatgan ntanatnacn      900
natanngnnn anatenannn ngctctctct atnnnttatn nanngntcan nttacnnnan      960
nannnaannng tatnntngtt cnaaanntat ntataaancn ncgtnnnntt nnannagatg     1020
tacnccnntn anntaannat ctangctccg      1050

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<210> 3266
<211> 798
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(798)
<223> n = A,T,C or G

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<400> 3266
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attnggcacg aggaaagggtg gcgcgcttct cacggctgag ttgctgcgcc ttgcagacgg      120
aagctcccca caggcagagc tgcttggtat tgtgagtcac gaaccagaga agccccgctc      180
catgagcagt gactccccc an gcccgtgtgac ctccctctcn cttgcagctc ctctggcac      240
cagtcgccag ggctctcctg ttggtagtgc ctgcttttct tcttggaat tctcgtgga      300
cctcgagatc tttaccctaa aatagttctg ttgaatttca cctgggcaat gtaaattgat      360
agcttatctt cacagatgcc agacaatgga caactcacca tcagtcctct gtcacctga      420
gacaaatgca tgtctgattg ctctctctgc cctattgntt atgtgaaaat gcagattcac      480
tgagccagac taaggcatca gtgactgttc ctctacctgc ctctcacatg gagattgtgt      540
attcagtga aggctgatca aagacccaaa ggaatgcaac agtttatctc ttatctacct      600
atgacctgcg aactggccaa caaccagtt gttgncgect tttcagacag aaccagtgtc      660
atcttacacg tattnaaatg gatgtcctgg ngctctncta atatgtatc aaaagcaagc      720
tggggectng accaccttn ggccatatt cctcanggac atcatcctg anctgtgtgc      780
actggcatgt ccttaanc      798

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```

<210> 3267
<211> 817
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(817)
<223> n = A,T,C or G

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<400> 3267
ngnnnnnttt tnnnnccgg tttgaaatcc ctttgaattt gnaatcgttg gtgatcccat      60
cgattcgaga aatcggaaca aaagtagaag ttgtggaaag gaaagaacat ttgcatactg      120
acatttttaa acgtggctct gaaatggaca acaactgctc accaaccagg aaagacttca      180
ctgaagatac catccacga acacaggata gaaagaanga anccccgcct gtatttttcc      240
agcaaataa acaaagaagc tcttagcccc ccacgacgta aagcctttta gaaatggaca      300
cctnctcggt caccttttaa tctcgttcaa gaaacacttt ttcattgatcc atggaagctt      360
ctcatcgcta ctatatttct caatcgagacc tcaggcaaaa tggcaatacc tgtgctttgg      420
aagtttctgg agaaagtatc cttcagctga ggtagcaaga accgcagact ggagagatgt      480
gtcagaactt cttaaacctc ttggtctcta cgatcttcgg gcaanaaaacc attgtcaagt      540
tctcagatga atacctgaca aaagcagtgg aaagttnca attgagcttc atgggattgg      600
gaaatatggc aacgactttt taccggaatt ttttggggcn aatgaagtng gaagcaaggt      660
gcacctgga gaaccccaaa nttaaattna attttcatga cttggctttt gggaaaaaaa      720
ananctgctt nttaaaaaaa aaacttgag cctttttgaa cttttggggn gtcggnttta      780

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cctagatccg gacottgnta agntnonttg gntggnc

817

<210> 3268
 <211> 725
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(725)
 <223> n = A,T,C or G

<400> 3268
 gnnnttggtc taatgctnng ctctcgttct ttctgcagga tcccatcgat tcgaattcgg 60
 cacgaggata ggccacattc cagtaagaac tcaatttggt tcccaaattt gcagaaacaa 120
 aacgtgattt aaaagctgag ctttttatca gaaagctttt ttgatgtttt aagtgttatg 180
 tgacttggtg aactttttta aaagtgtctac ttttaaaatc ccagatactc tgaatttttag 240
 aaaacaaact aattctgatt gtgtcgtgcc caagtaccct ttttttttaa tgaatagggg 300
 ccaatgccac attgcttttt atatttcttt cttttttaat gttgccaaaa ccaaaagtag 360
 ctttggtttc ctttgatttt tgctactttg cagtatttgt gtgtgtggtt ttntttcctt 420
 aatttgaaag ggacagnnct gtgtatgttt ataaactaaa tgaagataag atattatntt 480
 gtataaacat tcacttgaga acaatcaaag cagtagecac atgggtgctg ctcctttgca 540
 gcacaaacct ggctattttg atgactgtca acaggaagac ttgaaaaatc acgtggattc 600
 atattaccac cgctctcatt tcattggagtc ttctgatcaa aaaaaagctc acgtcgtatt 660
 tcttctttnc tttctctttt ctaagaaaat tgggtgttnt gaccagaatg ggaattttgc 720
 ttccn 725

<210> 3269
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 3269
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 ttgaattcgc gcacgaggct atttgaagta cctgtaacaa aacagttggc cctctgtttc 120
 catgtactct gcactgtggt attaaaccaa ttgcagatca aaaatattag aaaaaataaa 180
 aataatacaa ataaaaatac agtatnncca gttattttaa tagcatttac attgcattag 240
 gtattagtct agggataaag tatacaggcg gatgtgcgtt gggtatatac aaatatgtca 300
 ttttatgtaa gggacttgag tatacttgga tttttggtat ctgtgggttg gggggacggt 360
 ccaggaacca ataccccatg gataccaagg gacaactgta cttatttacc ttattgtca 420
 ttgcaagctt cttatggaaa ctttatagga atgaaaatat acatgttaag aagattaaac 480
 attagatagt agatggtttg ttgcatgcta gaactgttag tattgttgaa tcaattactt 540
 tgggttcatg aaaaaataaa cgataaatat ctttaaagag aactagaaga attttttggt 600
 tgagtnattc canctgnag tatgatcntt tactgaagta gtttgattgg ctggctaaac 660
 ttanaattat tgggttcttg gtttgatnct gccantaggg gttantaatt gtaangataa 720
 aaatggnttg tgtggnttaa agggaaatta ggtggngggt aaaaatcttg ggaaaatttt 780
 ccgaac 786

<210> 3270
 <211> 784
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3270

tttcaaattcc	ttgttnacgc	cctttntnna	ggacccctcg	nttcgaattc	ggcacgaggt	60
tttgttctct	tctttgacta	ttaaaaagct	cagtgcctna	tattttctaac	atatggcaag	120
tgttttctgtg	taccttacia	gtctatatat	aaatttttct	tctcttgaca	gggttntatc	180
tatatncccc	aagtnacccc	taattctttt	agaataaggc	agaaaataaa	tcaacgtaaa	240
ggttgagacc	aagccagaga	cagctggcca	aagtagctgg	ttcagggata	taacctgcaa	300
gttgccaacc	cagcgcatte	ttctcaccct	tcttccaccc	tacgaaaggc	catatcttac	360
aagagatgct	ggtaaagtgc	anacattcac	tgngtnaggc	ttntccacan	ctagcagtgg	420
catgagatca	gttcaatcca	atgacactga	aatggaactc	tccaagttag	tttctgcaaa	480
agacttctct	gttaacaggg	agttnttaag	ggaaatattg	caccttctct	tccccgtctt	540
tttcaatcna	ngcatgatgt	cnggtgctac	cngnaaccca	tactgcnaaa	catgagggca	600
aatgagcctg	ngggaattta	aancntnaac	actaattnaa	gangaaaaaa	gatgcagaan	660
cctngatcct	tantggncca	tnatttaanc	cccttggacc	cactttttga	aaccagnctt	720
ctanaaccta	tnngtgagtc	nnntttactn	ggatcccnta	actngataag	aancnttgn	780
ntcc						784

<210> 3271

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3271

caaactnntt	gctctngttc	tttttgacgg	atcccatcga	ttcgcgacag	ctctccaata	60
ctcaggttaa	tgctgaaaaa	tcacccaaga	cagttattgc	aagagtttaa	tttttgaaaa	120
ctggctactg	ctctgtgttt	acagacgtgt	gcagttgtag	gcagtgtagc	acaggacatt	180
tnanngggc	caggatcggt	ttttcccagg	gcaagcagaa	gagaaaatgt	tgtatatgtc	240
ttttaccggg	cacattcccc	ttgcctaaat	acaagggctg	gagtcctgcac	gggacctatt	300
agagtatttt	ccacaatgat	gatgatttca	gcagggatga	cgtcatcatc	acattcaggg	360
ctattttttt	cccacaaaacc	caagggcagg	ggccactctt	agctaaatcc	ctccccgtga	420
ctgcaataga	accctctggg	gagctcagga	aggggtgtgc	tgagttctat	aatataagct	480
gccatatatt	ttgtagacaa	gtatggctcc	tccgtatctc	cctcttccct	aggagaggag	540
tgtgaagcaa	ggagcttaga	taagacaccc	cctcaaacc	attccctctt	caggagacct	600
acccttcaca	ggcacangtc	ccccaaatga	gaagtctgnt	acccctcatt	tcttnatctt	660
tttacttaaa	ctcaagaggc	agtgacagg	agtcaggggc	aagacattac	atttttcata	720
ctttcccaca	tctgaaaaga	tgacagggga	aactgcaaag	cc		762

<210> 3272

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3272

cctttttctaa	tgcttgccat	ttnaatecct	gttgatccct	cgattttaat	tcggcacgag	60
gcactgcgtc	aagccactcc	tggagaagaa	tgatgtggag	aaagtgggtg	tggtgatttt	120
ggataaagag	caccgcccag	tggagaaatt	cgtctttgag	atcaccacag	ctccactgct	180
gtccatcagc	tcagactccn	tgttgntca	tgtggagcag	ctgctccggg	ccttcatect	240
gaagatcagc	gtgtgcgatg	ccgtccctgga	ccacaacccc	ccaggctgta	ccttcacagt	300
cctgggtgcac	acgagagaag	ccgccactcg	caacatggag	aagatccagg	tcatacaagga	360
tttccccctgg	atcctggcgg	atgagcagga	tgtccacatg	catgaccccc	ggctgatacc	420
actaaaaaac	atgacgtcgg	acatttttaa	gatgcagctt	tacgtggaag	agcgcgctca	480
taaaggcagc	tgaaggggca	cctgcacccc	actgatgccc	aaactgtcag	actttggggg	540
atccccgcct	tagggcagtg	ctgcatggct	gccctgattc	caaagtgtc	ttatcgctc	600
tgtgtgtggg	atcgcccgcc	ccaacccccg	ggccgcttna	gtcttgcttg	gnaggatgcc	660
ttcccccagg	anggcagtga	ngggatgccg	caacctngac	ttnttannct	cctgggggtt	720
ccgcggggcn	aaaactggct	gncttaaata	ctgggcttgg	nagttgtttc	aataaaaggc	780

<210> 3273

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(926)

<223> n = A,T,C or G

<400> 3273

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attcgaattc	ggcacgagag	aagttctagc	acatcttaat	tnccttnata	gtttaattga	120
tgaagagcat	tgntgaagag	ttaggaggtc	tccctttgtc	ctacattntc	cgntttttta	180
gaatgagaag	atgagaacga	cctccagttc	acatgacggc	tgcnngngagg	atccagtang	240
ggagatacag	tgctcagcac	caagcatgtg	caagtgaagc	caatccaatt	ttacatcatg	300
ttacccctcc	aggacagttg	ccttgacgtg	gaaggtatag	agggagttga	aagganggtt	360
tgcatgggtg	gcagangtgc	cctgcagcct	tccntncaa	gctgnaance	gtttntgncc	420
ncctggaanc	ngttggaaag	tgtgtggtat	ggnatgaaga	tcccattttg	actctgttcn	480
tgatcttgnt	tactnaagtg	anccttggtc	nttgacngta	ttggatgatn	cattgatect	540
anctatccct	taactggctg	ggtgntgctn	cngggggaca	ttgntttttt	nncaatttcc	600
aatgcatncc	ttnnngnanc	tntttccctg	cacanccanc	caattnaatt	natanccctgt	660
gnattngaanc	ccnaanttcc	cagggccgtn	ngntagtctn	tntaaaaann	ggntcaanta	720
aantttnnnt	atgangccnt	tngtataann	ttttntaacc	atnggnntnt	atgncnantt	780
ncaacctgng	gttncctctn	ataactnggc	nnttttgtaa	attcnnngntn	tnntntgata	840
atntacnttn	ttttcttttn	tnagnggctt	tatntcaaan	taatccncca	atanntaata	900
taattgttct	atnnatgna	ncngcc				926

<210> 3274

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3274

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aggnnnnttg taannccnta ctgaaatcct ttgnatcncc tcnttgtttg acccattnat      60
tcggggccggt tattctctct ttacagatag ctatagacat catttttagga agtgttgcag      120
tctggcattt gtgctattgt tcattctctg tgaaggctgt tcatagttgc tatagcctgt      180
gttttagttt gtgatttcat caatcccatc ttcccgcnng antaatgcat tctaaacatc      240
ctaccccact ttagaaaacgg acgtggggaa cgcttggtca tttaagccaa caataaattt      300
aggtgaatgt ccctaagtgt ttactgnttt tatccagtca aggatttgct ttcccttgaa      360
catttgtttt aaattctggg gccaaaatgc aaaggagaag ttctattcaa aggcagtagt      420
tgaaatctat tatttttagtt agcctacttg gcatttacta catcggtcac ttctccaggc      480
tgccctaaat taggttgatg gagtgagaca tgccaaacat tcacccttgg gaccatagca      540
tagttaaaat taaatgtagt tggaatagct agcattgcag ctacagtagg ggaactgtag      600
tctantttcc ctcagaaaaa cccaaggagt tgaanggaca ggattttgnc tangnaaaaa      660
atctaagact cgtgcccttc tggtagatng gggttttaag actggaatgt gtaataggag      720
cactgccttt gcccaatcna atgantgaca ggtaactnn gaaaatggga caatcacatt      780
tcncttac                                     789

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<210> 3275

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(814)

<223> n = A,T,C or G

<400> 3275

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tcccatcgat tcgaattcgg cacgagtatc agacaatatt ttattatttt ttcatagatg      120
ttctgccaca caaagaactt ggggtgtaag gataaggcaa aagctccaat cccatttttc      180
agttctccta ggatgcaccc ctgagggagc ctggccagag ttccgnngcc cgtgagcgtc      240
agctgttgct ttattttcca tcaaagccct ctgagaagtg agacctcagc aattccggga      300
gccacataga gacagacttg gcaagggacc ccctggntct gagccagtag ctgccatctg      360
gaaattcctc ttttagcctc tccttagagg tgaatgtgaa tgaagcctcc aggcacccgc      420
tgaatttctg aggccttgct taaagctcag aagtggttta ggcatttgga aaatctgggt      480
cacatcataa agaacttgat ttgaaatgtt ttctataga aacaagtgtc aaagtgtacc      540
gnattatact tgatgttggt catttctcaa gtccatttcc tcagntctat nattntagaa      600
cctangtcag ttctttaagn attataactg gncctacatt aaaaaaatgc ttctcgaaaa      660
aaaaaaanna tnnnantaca aannaaaaan cttcgaccct ttaaaacctt ttggggngcn      720
gatttacctn ngaancccca cctgatnaga aancentggg taaagtntgg anaaacccca      780
cctnnaaagg cnagggnaaa aaaaagcccn ttct                                     814

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<210> 3276

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3276

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gnnnnnnttt nnnnnnnngt ttcnaatnct tggcattgat ccnttgnttg atcccttnat      60
tcgctgacaa cttgattggg ttctccttca ggtttgaagc gccctcgaga agtgctctaaa      120
ggagacagtt gatagccaaa caacagtttt ggattcactg actgattatg aaagaagcag      180
tagactggta tcaagaatca gtcagcaagg aggcctcac cagacgccag tgccatgttc      240

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ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagtga	agcctcccta	ggccaagcaa	cgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaac	gacaaaacag	accagaccag	aagagtccca	cagaatang	480
gaaactattc	agagaaaact	taagccacta	agttttatgg	ngntttgttc	tgtagcagaa	540
gcataggcat	actgacaata	caaaccgaaa	tccttctaac	gtagtggacc	ttttcaggcc	600
agcatttttt	tcctgaaaac	ctggagcatg	tattccatct	tatagcagag	atcactttca	660
caatgggttg	ggctcttgga	tttggaatgg	atgatgtaat	gaagccctct	tntncagatt	720
ggnaactaat	tactcttggg	gaattgactn	ggattccaca	ccccttctta	anaattntac	780
ttttntctct	tttatcaaac					800

<210> 3277

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 3277

ngnnnnnttt	ttnnnnccgg	tttgaaatcc	ctttgaatth	gnaatcggtg	gtgatcccat	60
cgattcgaga	aatcggaaca	aaagtagaag	ttgtggaaag	gaaagaacat	ttgcatactg	120
acatttttaa	acgtggctct	gaaatggaca	acaactgctc	accaaccagg	aaagacttca	180
ctgaagatac	catcccacga	acacaggata	gaaagaanga	anccccgcct	gtattttttcc	240
agcaaata	acaaagaagc	tccttagcccc	ccacgacgta	aagcctttta	gaaatggaca	300
cctnctcggt	caccttttaa	tcctcgttcaa	gaaacacttt	ttcatgatcc	atggaagcct	360
ctcatcgcta	ctatatthct	caatcggaac	tcaggcaaaa	tggaataacc	tgtgctttgg	420
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gtcagaactc	cttaaacctc	ttgggtctcta	cgatcttcgg	gcaanaaacc	attgtcaagt	540
tctcagatga	atacctgaca	aaagcagtg	aaagtttnca	attgagcttc	atgggattgg	600
gaaatatggc	aacgacttht	tacccgaatt	ttttggggcn	aatgaagtng	gaagcaaggt	660
gcaccctgga	gaacccccaa	nttaaattna	atthttcatga	cttggcttht	gggaaaaaaa	720
anantgctt	nttaaaaaaa	aaacttggag	cctthttgaa	ctthttgggn	gtcggnttta	780
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<210> 3278

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3278

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ggagacagtt	gatagccaaa	caacagthtt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240
ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagtga	agcctcccta	ggccaagcaa	cgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaac	gacaaaacag	accagaccag	aagagtccca	cagaatagg	480

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gaaactattc agagaaaact taagccacta agttttatgg tgttttgttc tgtagcagaa 540
gcatagggcat actgacaata caaaccgaaa tccttctaac gtagtggacc ttttcangcc 600
agcatttttt ccttgaaaac ctggagcatg tatccatctt atagcagaga tcactttcac 660
aatgggtggg ctcttggtt tgaattgatg atgtaatgag ccctctttnc ngattgnaac 720
ttaattactc tgggnatttg ntggattccc aaccttctaa tatttacttt tcctctttan 780
taanc 785

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<210> 3279

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 3279

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ggagacagtt gatagccaaa caacagtttt ggattcactg actgattatg aaagaagcag 180
tagactggta tcaagaatca gtcagcaagg aggccctcac cagacgccag tgccatgttc 240
ttggacttct cagcctccat attcatgaac taagtttttg gaatccttag gcttccacgt 300
gtggaaaaggc tgagctaacc tactggagga tgagccatca cctggagcag attcaggcca 360
tcctagttag agcctcccta ggccaagcaa ccgtccaact accagacatt gaccattcag 420
ccttgaacat tcagcacaaa gacaaaacag accagaccag aagagtccca cagaataggg 480
gaaactattc agagaaaact taagccacta agttttatgg tgttttgttc tgtagcagaa 540
gcatagggcat actgacaata caaaccgaaa tccttctaac gtagtggacc ttttcangcc 600
agcatttttt ccttgaaaac ctggagcatg tatccatctt atagcagaga tcactttcac 660
aatgggtggg ctcttggtt tgaattgatg atgtaatgag ccctctttnc ngattgnaac 720
ttaattactc tgggnatttg ntggattccc aaccttctaa tatttacttt tcctctttan 780
taanc 785

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<210> 3280

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 3280

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ggagacagtt gatagccaaa caacagtttt ggattcactg actgattatg aaagaagcag 180
tagactggta tcaagaatca gtcagcaagg aggccctcac cagacgccag tgccatgttc 240
ttggacttct cagcctccat attcatgaac taagtttttg gaatccttag gcttccacgt 300
gtggaaaaggc tgagctaacc tactggagga tgagccatca cctggagcag attcaggcca 360
tcctagttag agcctcccta ggccaagcaa ccgtccaact accagacatt gaccattcag 420
ccttgaacat tcagcacaaa gacaaaacag accagaccag aagagtccca cagaataggg 480
gaaactattc agagaaaact taagccacta agttttatgg tgttttgttc tgtagcagaa 540
gcatagggcat actgacaata caaaccgaaa tccttctaac gtagtggacc ttttcangcc 600
agcatttttt ccttgaaaac ctggagcatg tatccatctt atagcagaga tcactttcac 660
aatgggtggg ctcttggtt tgaattgatg atgtaatgag ccctctttnc ngattgnaac 720

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ttaattactc tgggnatttg ntggattccc aacettctaa tatttacttt tccctcttan 780
taanc 785

<210> 3281
<211> 800
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(800)
<223> n = A,T,C or G

<400> 3281
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ggagacagtt gatagccaaa caacagtttt ggattcactg actgattatg aaagaagcag 180
tagactggta tcaagaatca gtcagcaagg aggccctcac cagacgccag tgccatgttc 240
ttggacttct cagcctccat attcatgaac taagtttttg gaatccttag gcttccacgt 300
gtggaaaagc tgagctaacc tactggagga tgagccatca cctggagcag attcaggcca 360
tcctagttag agcctcccta ggccaagcaa ccgtccaact accagacatt gaccattcag 420
ccttgaacat tcagcacaaa gacaaaacag accagaccag aagagtccca cagaatangg 480
gaaactattc agagaaaact taagccacta agttttatgg ngntttgttc tgtagcagaa 540
gcataggcat actgacaata caaacggaaa tccttctaac gtagtggacc ttttcaggcc 600
agcatttttt tcttgaaaac ctggagcatg tattccatct tatagcagag atcactttca 660
caatgggttg ggctcttgga tttggaatgg atgatgtaat gaagccctct tntncagatt 720
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ttttnctctt tttatcaaac 800

<210> 3282
<211> 828
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(828)
<223> n = A,T,C or G

<400> 3282
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ggatcgcttg agccancag gtcaaggcta cantnagccg tgatcatgcc actgcactnc 180
aaactgngng acacagngag accctgtctn ttaacaacan ancccatgag cggcangccc 240
cccagtctgg atggtggtaa agaatcctta agatcaaacc cagcgagtgc ttaaagcttg 300
gcttgattct agggctgggg ctggacaaac tgctanagat natgccgata gccngtgtga 360
tccccctgnc ctgatngtna anggcatagt gcagantgga accctttccc tccccaaaaan 420
attcagacct gnnnggctga gtgggcctta ttgagtcccc aaagttctga gaancnnggt 480
ntctggcttt tagccttcag ctttcttagg ttntgatgca atnagttgng tccccctgcc 540
cttttcttgc catgcacttn cgaangaang gtttncnnggg ttgcntggga ancnttnccc 600
naacngcctn ttanccaccn naagnttttn nngaatacanc acttccctnn gggggggaat 660
acttttaaat nccggaagnc ctttnaacnc ccttgggntc cttcccnga ntaccaagc 720
ttnaaatcca aaattaccgg natcnttagg gctttgtagc ntntgggttn ggnnttgcnt 780
nttttttctt aanctttntt tnaataaacc aatttcttnt gnnacncc 828

<210> 3283

<211> 898
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (898)
 <223> n = A,T,C or G

<400> 3283

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tagacacgtt	ttcagaagga	agacagcctc	ctccaggagc	atcttaccgg	acctcttgtc	180
accgtaccaa	atggcgatcc	gagcnanccg	actggangag	agccgagcgg	cggcgctccg	240
agagctccag	gagaagcagg	ctctgatgga	gcagcagaga	cgagagaaaa	gggcactgca	300
ggagtggaga	gagcgagccc	agaggatgag	gaagaggaag	gaagagctca	gcaaactcct	360
gcctccgcyg	aggancatgg	tggcatcaaa	gattcctctg	ccacanattc	gatagataac	420
aggaaagtcc	cactgaatcc	gcctggaaaa	atgaaaccaa	gcaaagagaa	atcgccacan	480
gcaagtaang	aaatgagtgc	cctgcangag	agaaatttag	nagagaagat	tnaacagacc	540
gttcttcaaa	tgcgttttagc	cnangaagan	ttccttgggc	tatgccccca	cttggtaagg	600
aanattnatn	naaaaggcct	nncctnangg	gnttctgggg	aaaatttggc	ccaccantat	660
gnttnncntg	ggnatttgaa	aaantatttt	tgganaaagc	cttaaanaat	tttgggggga	720
atttaaacc	tttggtaacc	caataggtat	ttggtatnta	actgggggtn	ggngnncctt	780
tnacttgggg	aaaaantttt	tccctttggg	cccttngccc	tgtcagcnac	naatgctttn	840
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<210> 3284
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (705)
 <223> n = A,T,C or G

<400> 3284

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ctgtgcctga	ccaccatctg	actttggata	aatcccttct	gctctccac	ctagctttat	180
catttgtaaa	atgagtctct	aggtacagcc	ctttctgggg	ttgagacaga	gtttctgagg	240
agtaaaagcc	atgtcattgt	ggaaacaggc	agctattctc	acagctggca	tgagccact	300
actccctat	aatcagtgt	gataaactgc	tctcatttgt	tggacttcag	actttcctga	360
cccactttga	atgggggcca	ctttgaatgg	aaactttcta	tgtattgaat	taaaagatct	420
ccaagataaa	tgggttaaatg	aaaaagcaca	gtgcaaatg	gtgcatatga	tatcctacct	480
tttgggtaaa	ataaaaaaaa	aaaaaaaaaa	aaaaaactcg	agcctctaga	actatagtga	540
gtcgtattac	gtagatccag	acatgataag	atacattgat	gagtttggac	aaaccacaac	600
tagaatgcag	tgaaaaaaat	gctttatttg	tgaattttgt	gatgctattg	ctttatttgt	660
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<210> 3285
 <211> 701
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

<400> 3285

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tacattaaga	ttcttttaat	ctataagttc	ctgtcccatc	tgtcatttta	tttttatccc	180
ttgaaattta	tttattgaag	aaactatata	ctttgctttg	taaaattttc	cacagtgtgg	240
ctggctttgg	ctgattgcta	gcgtcatttg	ctatttatct	ttgtcctgta	tcttggatct	300
ggcgccctga	tcagatttaa	gttgattttt	ggggacgtaa	ttacttcata	ggtattatgc	360
atcttttgat	agaggagtaa	agtagtgaaa	gtaatgtttt	taggatgggt	tgtctggcag	420
cagtgtgcaa	aatgaattgg	tagaggagaa	atggagagct	gcgaattaga	aggcagggtc	480
aatcagtgc	ggaaggaaa	gctacagtaa	ggcagaggca	gggaaaagaa	aggcaataga	540
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ggagagtcgg	ctgggcatgg	tggtctatgc	ctgtaatccc	agcactttgg	aaggccaagg	660
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<210> 3286
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3286

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tgattatgaa	agaaataaag	cacaaccaca	gtttttcttt	cttaaatttc	atcactgttg	180
atgtggttct	tttgtgttaa	aaaaaaaaag	tgcaactatc	aaaactaaaa	aatttatagag	240
taatatattgc	gttctgctga	ttttaaatat	acaatacatc	atacatactt	tacaagcaag	300
ttaaatggag	ataaagttag	aatcatagaa	gatgcaaatg	acctttcaaa	atcaacacaa	360
tgtgttctga	aactttcgtg	actaatacca	tgcatctgtg	atcaatgaac	tatgtgggtt	420
tgaatcggat	gtagaccatt	agtactacta	cttgagctaa	acttctgcat	ggttcataat	480
ttttaaagtg	tgtagttaat	atgcatgtta	tcgtcccttc	ttccattctt	aacagtatgt	540
gcccatttgc	aaaacaaaaa	tgctaataat	cagtaataagt	cctataaaa	atgttaactc	600
tgtttagtca	ttgactgata	ttgtcttaac	cttaaaaatt	tgtgattatt	gacctctgtt	660
gcattttatc	taaagccccc	caaaaattat	ctagccgttt	cgaag		705

<210> 3287
 <211> 700
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(700)
 <223> n = A,T,C or G

<400> 3287

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ctagagccgg	agctgcccgc	cgaggaccgt	atccttgtgc	taggttgccg	gaacagtggc	180

ctgagctacg	agctgttccct	eggaggettc	cctaattgtga	ccagtgtgga	ctactcatca	240
gtcgtgggtgg	ctgccatgca	ggctcgetat	gccccatgtgc	cgcagctgcg	ctgggagacc	300
atggatgtgc	ggaagctgga	cttccccagt	gcttcttttg	atgtggtgct	cgagaagggc	360
acgctggatg	ccctgctggc	tggggaacga	gatccctgga	ccgtgtcttc	tgaaggtgtc	420
cacactgtgg	accaggtgtt	gagtgaggtg	agccgcgtgc	ttgtccctgg	aggccggttt	480
atctcaatga	cttctgctgc	ccccactttt	cggaccagac	actatgccc	agcctattat	540
ggctgggtccc	tgaggcatgc	tacctatggc	agcggtttcc	acttccatct	ctacctcatg	600
cacaagggcg	ggaagctcag	tgtggcccg	ctggctctgg	gggcccacaa	cctctcacc	660
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<210> 3288

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (704)

<223> n = A,T,C or G

<400> 3288

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gatgaaaaga	agaggtgact	gttgatcag	ctctaaaggc	ctcacttttg	gtgaaatggg	180
acctaaattt	gattgcatac	ttgattactt	gctgtcaata	ctgaaattgg	cacttcataa	240
ttttaatact	attgaacttt	caccataaacc	ctgtcctata	aagttgactt	gcaaatagaag	300
aaactctatc	tcttcaatat	tataaaaatat	atccaagagt	cacaactagt	gagaaaagga	360
caggatctaa	ctaacaatgt	gaggctgtgt	cttcacacca	attcaacaga	gtatcttgta	420
aatgttgaga	ggagaggtac	tttaggtcat	gggtgtcttt	caataagtgc	tttagaaaac	480
aggtgacaac	tgattggggc	ttgaggtatg	aatggattta	gccaggcaat	taaataggaa	540
agcagatact	caagacagat	taaaacagct	tgagagaagt	gaaatgagca	agtgtgaagac	600
aattgatact	gtccatggat	tttagaaaagt	gtgaagtgga	gtgattgtga	tgaagcttga	660
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<210> 3289

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (704)

<223> n = A,T,C or G

<400> 3289

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gatgaaaaga	agaggtgact	gttgatcag	ctctaaaggc	ctcacttttg	gtgaaatggg	180
acctaaattt	gattgcatac	ttgattactt	gctgtcaata	ctgaaattgg	cacttcataa	240
ttttaatact	attgaacttt	caccataaacc	ctgtcctata	aagttgactt	gcaaatagaag	300
aaactctatc	tcttcaatat	tataaaaatat	atccaagagt	cacaactagt	gagaaaagga	360
caggatctaa	ctaacaatgt	gaggctgtgt	cttcacacca	attcaacaga	gtatcttgta	420
aatgttgaga	ggagaggtac	tttaggtcat	gggtgtcttt	caataagtgc	tttagaaaac	480
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agcagatact	caagacagat	taaaacagct	tgagagaagt	gaaatgagca	agtgtgaagac	600
aattgatact	gtccatggat	tttagaaaagt	gtgaagtgga	gtgattgtga	tgaagcttga	660

aagattgect ggggccaggc tgttgaangc ttggtttget tant

704

<210> 3290
 <211> 700
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(700)
 <223> n = A,T,C or G

<400> 3290
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 ctttttttat gcaattcagt ttgttctcag tgatgagttt agtcattctc gtccagaaca 180
 gcggttggct ttattgcatg aaggtactgg tcctcgtgtt atttctgctt ttgtggagat 240
 tatttttgat aattcagaca accggttacc aatcgataaa gaggaagttt cacttcgaag 300
 agttattggt gccaaaaagg atcagtattt cttagacaag aagatggtca cgaaaaatga 360
 tgtgatgaac ctcttgaaa gcgctggttt ttctcgaagc aatccttatt atattgttaa 420
 acaaggaaaag atcaaccaga tggcaacagc accagattct cagagattaa agctattaag 480
 agaagtagct ggtactagag tgtatgacga acgaaaggaa gaaagcatct ccttaatgaa 540
 agaaacagag ggcaaacggg aaaaaatcaa tgagttgtta aaatacattg aagagagatt 600
 acatactcta gaggaagaaa aggaagaact agctcagtat cagaagtggg ataaaatgag 660
 acgagccctg gaatatacca ttacaatca ggaacttaac 700

<210> 3291
 <211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(704)
 <223> n = A,T,C or G

<400> 3291
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 gaaatctttt ggatcactta acaagaatga gatctaattc tttgaagagc actcgcagat 180
 ttctgaaagg acaggacgaa gatcaagtgc acagtgttcc tatagcacia atgggggaact 240
 accaggaata cctcaagcaa gtaccttctc cactaagaga acttgatcct gatcagccac 300
 gaagggtgca tacatttggc aaccccttta agctggataa gaagggtatg atgatagatg 360
 aagcagatga atttgtggct ggacctcaaa ataaacataa acgacctgga gaaccaaata 420
 tgcaagggat ccctaaaaga cgtcgggtgta tgtctccact actaagaggc agacagcaga 480
 atcctgttgt aaacaatcat attgggggaa aaggaccacc tgcacctaca actcaagcac 540
 agccagatct tattaaacct ctctctcttc ataaaatttc agaaaccact aatgattcga 600
 taatacatga tgtggttgaa aatcatgttg cagaccaact tcatcagac attacaccaa 660
 atgctatgga tacggaattt tcagcatctt ctncagccag ttag 704

<210> 3292
 <211> 701
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

<400> 3292

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catgtaccag	gttgagtttg	aagatggatc	ccagatagca	atgaagagag	aggacatcta	120
cacttttagat	gaagagttac	ccaagagagt	gaaagctcga	ttttccacag	cctctgacat	180
gcgatttgaa	gacacgtttt	atggagcaga	cattatccaa	ggggagagaa	agagacaaag	240
agtgtgagc	tccaggttta	agaatgaata	tgtggccgac	cctgtatacc	gcactttttt	300
gaagagctct	ttccagaaga	agtgccagaa	gagacagtag	tctgcataca	tcgtgcagg	360
ccacagagca	gcttggttg	gaagagagaa	gatgaaggga	catccttggg	gctgtgccgt	420
gagttttgct	ggcataggtg	acaggggtgtg	tctctgacag	tggtaaactc	ggtttccaga	480
gtttggtcac	caaaaataca	aaatacaccc	aatgaattgg	acgcagcaat	ctgaaatcat	540
ctctagtctt	gctttcactt	gtgagcagtt	gtcttctatg	atcccaaaga	agttttctaa	600
gtgaaaggaa	atactagtga	atcacccaca	aggaaaagcc	actgccacag	aggaggcggg	660
tccccttggtg	cggtttangg	ccctgtcagg	aaacacacgg	g		701

<210> 3293
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3293

nctaattgctg	ggctctcggt	ctttccgcag	gancccatcg	attcgaaaaa	ttgtgatgta	60
agtgggtacc	tggggagaat	ttagggctct	cagaatgcag	aaaactagcc	acctccagtt	120
ctgtgcctga	ccaccatctg	actttggata	aatcccttct	gctctccac	ctagctttat	180
cattttgtaa	atgagtctct	aggtagagcc	ctttctgggg	ttgagacaga	gtttctgagg	240
agtaaaagcc	atgtcattgt	ggaaacaggc	agctattctc	acagctggca	tgagccact	300
actcccttat	aatcagtgtc	gataaaactgc	tctcatttgt	tggacttcag	actttcctga	360
cccactttga	atgggggcca	ctttgaatgg	aaactttcta	tgtattgaat	taaaagatct	420
ccaagataaa	tggtttaaag	aaaaagcaca	gtgcaaaatg	gtgcatatga	tatcctacct	480
tttgggtaaa	ataaaaaaaaa	aaaaaaaaaa	aaaaaactcg	agcctctaga	actatagtga	540
gtcgtattac	gtagatccag	acatgataag	atacattgat	gagtttggac	aaaccacaac	600
tagaatgcag	tgaaaaaaat	gctttatttg	tgaaatttgt	gatgctattg	ctttatttgt	660
aaccattata	agctgcaata	aacaagttaa	caacaacaat	tgcat		705

<210> 3294
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3294

gnnnctaattg	gcngggctct	cgttctttct	cgcaggatcc	cnncgattcg	aattcggcac	60
gagctctatc	ttgtttattg	ttgatgccat	cttagaggaa	aaaatgtaaa	ggtaagtaat	120
taagcatatg	acagcaacaa	ataagatact	tataacctaa	tgggacttta	ttttgtagtt	180

ttatgtatta	caaaaaatcc	acctttctct	aaggggaagt	ttgtacccca	ttgattcttg	240
gtgccttttg	gatcgactgg	gttttaattg	cctagttatt	tgaggatttt	gctgtgttgt	300
tttccatgtc	ttctctggtc	accttggatt	atatataaaa	atacaggaaa	tagataaaca	360
tgaatgtgat	taataatgct	gaaaaagtat	tagcctacca	aagacacact	caggctttag	420
tgaataacct	tacataacct	cagtttttaa	cacatgcata	tcttctccaa	ccatgaaatc	480
aaagcacggt	gcagaacctg	taccaagtae	aaaagggtcca	tgtatgatta	gcattatttt	540
cttttgcttt	tgtttatgga	caatgttcag	ctgacataag	cagaagttgg	ccaaaatact	600
gcctgtactg	ttattttcct	gtataattca	cttaaataaa	agcagggtta	cctcaatgat	660
agcagttaaa	atgttctatc	ttatgtattt	cttttaagta	ttaccattan		710

<210> 3295

<211> 1073

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1073)

<223> n = A,T,C or G

<400> 3295

ttnactnate	gcttggcttg	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
ggtaaagagc	aagtaatgag	cttggtccgtc	agctggtagc	tttcattcgt	aaaagagata	120
aaagagtgcg	ggcgcatcga	aaacttgtgg	aagaacagaa	tgcagagaag	gcgaggaaaag	180
ccgaagagat	gaggcggcag	cagaagctaa	agcaggccaa	actggtggag	cantncatat	240
annanntctg	gtcgnctntn	gnetntttgt	ttantennat	centccccct	ncnctctctc	300
tnntccnccc	tcttatnact	tctnttttcc	ntctttnttc	tnnccccctc	tcnctttnna	360
tcttccnntt	ntnnttntcc	ntcccttctc	ncnctnctc	ttctctctnt	cctcttcatt	420
ctntccnctc	ccttctctct	ttcactctcn	tctcttctct	tctctattct	cttctntctn	480
tnctctctcc	tatccactna	cntcctntct	ctctcatccn	atctcatnnc	tctctctcat	540
ncntanntct	tctctccact	ttctctctac	natntctcnc	tactctctna	tcananacct	600
ctntctctct	ttctatctct	ctctactnct	ctctctctct	tactatctct	ctntctnttc	660
ttctctctnc	ntctctctac	ttctactntt	tattctctct	nttctcatca	gtctcttntc	720
atctctttct	ctnctgttta	ctntctnctc	ctctatctct	tnctatntct	ccttctctct	780
cctctctatn	ctantcatn	tctctntcat	ctnctctctc	cccttctcat	cgtctctnacc	840
aantncttnt	acntgctctc	tcnccnctc	ttcttttcca	tattctctct	ctctctnttn	900
ttctnactct	ctccctctct	ctctnttctc	actgctgtgt	tctnctctnn	ctctctantc	960
acanccatna	ctcacctcat	ctcatctctc	cnctctctc	tctctctcat	ntntttctct	1020
nccttntatc	catcttctnt	cntnctctct	ctctcacact	acttntctct	nnt	1073

<210> 3296

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 3296

ctaattggctg	gnngctcggt	ctttccgcaa	cancnngcg	antcgaattc	ggcacgaggt	60
ccgaagaaaa	agactgtggt	ggcgagagat	ctctctccaa	tggcatcaag	aaacacagaa	120
caagtgttgc	ttctctctat	ttttccagaa	atgacttcag	tatctggagc	atcctcagaa	180
aatgtattgg	aatggaacta	tccaagatca	cgatgccagt	tatatttaat	gagcctctga	240
gcttctctaca	gcgcctaact	gaatacatgg	agcatactta	cctcatccac	aaggccaggt	300

cactctctga	tccctgtggaa	aggatgcagt	gtgtagctgc	gtttgctgta	tctgctgttg	360
cttctcagtg	ggaaacggact	ggaaaacctt	tcaacccact	gctgggagag	acttatgaat	420
tagtgcgaga	tgaccttgga	tttagactca	tctccgaaca	ggtcagccat	caccaccaa	480
tcagtgcatt	tcatgctgaa	ggattaaaca	atgacttcat	ctttcatggc	tctatctatc	540
ccaaactgaa	attctggggg	aagagtgtag	aagcagaacc	caaaggaacc	atcaccttgg	600
agctccttga	acacaatgag	gcatatacat	ggacaaatcc	cacctgctgt	gtgcataata	660
tcattgtggg	taaactgtgg	atcgaacagt	atggcaatgt	ggaaat		706

<210> 3297

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 3297

nctaagtctg	ggctactngt	tctttntgca	gnateccatc	gattcgaatt	cggcacgagg	60
acagcccca	tccgggagca	ggagggcctc	ctgccttgge	atatagacce	ctgggcgcct	120
ccctgggatg	cccaccaggc	ccagggatcc	acctaggtgg	gtttggcaac	cctgggtgatg	180
gcagtggtag	tgccacatcc	tgcccttgca	gccagccctc	cgtcacacgg	actgtgcaga	240
aggatggacc	caacaagggg	cgccagttcc	acacatgtgc	caagccgaga	gagcagcagt	300
gtggcttttt	ccagtgggtc	gatgagaaca	ccgctccagg	gacttctgga	gccccgtcct	360
ggacaggaga	cagaggaaga	accctggagt	cggaagccag	aagcaaaagg	ccccgggcca	420
gttcctcaga	catgggggtc	acagcaaaga	aaccccgga	atgcagcctt	tgccaccagc	480
ctggacacac	ccgtcccttt	tgtcctcaga	acagatgagc	tcagggtagg	gtagagaacg	540
ccactttctc	agacctgtcc	cctttgtgtt	tagaaatgag	taaaccagga	ccaagtggcc	600
atttagtgtc	ctggaaactt	agaggacagt	gttggccttt	ggagtcgggc	cttcttgtgt	660
taaggggcac	aagggtccaga	tcactctgga	gcaggccagc	ttctgttgg		709

<210> 3298

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 3298

gtncnaatng	ntntgtagat	cganntagcc	taaacaaatt	ggcttgnccg	cccttccctc	60
tgtctctgga	gaccttgac	ttggggaaat	atggaggggt	gtgtgtctgc	aatcaaggcc	120
tctgcagctc	acggctggcc	cggtgggctg	ggacttccgt	ctgaatttta	aatacttagg	180
gttcattttt	ttttctctgg	caacaaagct	tgatgttttc	actgctttag	tttctgtttt	240
gctgggtgga	ggggatacgg	tctgtgactc	tggacttgct	ctgggggaac	agttgtcact	300
gccccggggg	agaggggcag	cttgggctgg	agaagcacag	ccagagacag	agccccctga	360
gagggatcct	tggctgcttc	attgtcttcc	ccccagcaag	cctgtctctc	cacaggcacc	420
tctggggctc	tggatgggtc	cccgtccacc	tccttccaga	gtcctgagtg	gtgtgggtgt	480
gggtggcaca	ggatctgggg	catgggangg	gtcagagctt	ccagagcccc	ntgtcctgnc	540
anactcagct	ngtgggctgg	ngtgttaacc	ccagtcctgg	cgtangttta	cagnctctca	600
aggtacntng	ccccctgntc	tcctgggana	nangnntcnn	tnatgatccc	taccaaagca	660
catgtnggat	naaggctgnc	nnntgcnttg	nttcganagc	cngaagccc		709

<210> 3299
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3299
 gtaantaatt anctgnagct cgaantagcc taaacanatt ggctngncga attcggcacg 60
 agacccgagg ctccgtgtac taggtgcgaa tgccgccttc tgtggtgacc actgtcttct 120
 catcctttgc acctatagga ggtgagtgcc tttgggggaag acggcgaggg cgacgacctg 180
 gac tatgga cagtgcgctg ctctggacag cactgggagc gtgaggctgc tgtgcgcttc 240
 cagcatgtgg gcacctctgt gttcctgtca gtcacgggtg agcagtatgg aagcccatc 300
 cgtgggcagc atgagggtcca cggcatgccc agtgccaaca cgcacaatac gtggaaggcc 360
 atggaaggca tcttcatcaa gcctagtgtg gagccctctg caggtcacga tgaactctga 420
 gtgtgtggat ggatgggtgg atggagggtg gcagggtgggg cgtctgcang gccactcttg 480
 gcagagactt tgggtatgta ggggtcctca agtgcctttg ngattaaaga atgttggtct 540
 atgaaaaaaa aanntnnccc antnccaan ncntctnctn nnanctcnnt tnnctnctcc 600
 antttncct ntncccta ntctnccct acttccnatn naccnatata tccccntcac 660
 ttnattaant ccnatnttan antngcncnc tnntcnnaen ntctctcat acntggtnn 720
 atcanttctc tanatcctct ctctnctctc cgnccgttna ctcttctctn tancactcac 780
 cct 783

<210> 3300
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3300
 atgctgganc taatnctggc ntctcgttct ttccgcagca ccncgattc gaattcggca 60
 cgaggcctgc tgcttcatgc cgcggcgctc ctgctccacg tctctgtgct gctgggacct 120
 gcactgtcgg cctgtctgcg agccacacag cccctccaca tggttgcctt cctcctgctt 180
 ccctggctca tgttgctcac aggcagagtg tctctggcac agtttgcctt ggccctcgtg 240
 acggacacgt gcgtggcggg tgcgctgctg tgccgggctg ggctgctctt ccatgggatg 300
 ctgctgctgc ggggccagac cacatgggag tgggctcggg gccagcactc ctatgacctg 360
 ggtccctgcc acaacctgca ggcagccctg gggccccgct gggccctcgt ctggctctgg 420
 cccttcctgg cctcccatg gcctggggat gggatcacct tccagaccac agcagatgtg 480
 ggacacacag cctcctgact ccaggaagag ccagagctgt gcagggagga aggggtgaga 540
 ggggggcccc cacacctaga ctgagtaagg aagtcgggtt ggaccttaac atctgcattg 600
 gacaactcca ccccttctt ggccctgccc ctgcccgcct acactcctac gtgtccaggg 660
 cttgggcccg tgacttangc agaggagtgc agaggagggt ctggc 705

<210> 3301
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (710)
 <223> n = A,T,C or G

<400> 3301
 tntctnaatn tgntnnegna tcttgaggac ccategttca attccgnncc naggggggnan 60
 ctneccntac tccntggatg tgtgtacctg gcacacttcc ttctcccacc cttttttcca 120
 gttggatttg tttttctgtt ctcttctgtc ctgtcttata ctgcaactgt gtctcctagg 180
 ggacagatgg ccttctttgt catcttccact ctccaccccc agagaggagt cagagccata 240
 actcaatcac tcagcccctc caaagatagt tgatgtgtga taatctcata atgttgagaa 300
 cectgatgag atacattgtc ttcctctccc tacaatgcct ctgggggcaa ggcacccatt 360
 cttcttgcta tccctccatc cecttgagge ttccactttt ttttttttta gacataaagc 420
 tgggcatcag caactggcct gtggtgatgc aaagctgctt tgcctctgnat ctggctggag 480
 tgatctgtct cacaagaagc catgaggcca tagggagaag ctccctctcc ccttcatctt 540
 ctgctccaaa ggtggtanca agaggagtac ccagttaggg gttggagccc ccataatnaca 600
 tcttctgtc agaagactga tggatctttt tcattccaac catctccctt ttcccccgat 660
 gaatgcaaat naaacttttg tgacaccagc aaccattgct tctttanaat 710

<210> 3302
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (709)
 <223> n = A,T,C or G

<400> 3302
 nnatgctggg nctaagtctg gctactngtt ctttnngcag gacccatcga ttcgaattcg 60
 gcacgagggg ctaacttaca gaggagctgt gtatcctgaa gattcagcga ctggcaagga 120
 atttccttgg gagcaatgtg tgaggagggc catctgagga gatctgtggc tttcttttgt 180
 tgtgggaatc tggcttatgg atgaatctac gacacaggat tgtgaaatta cagctctttg 240
 ggaacaaaag gaaggcagta ttgcatgact tagtttccca gcttccactt ccttttggca 300
 tgggtgagttt ggggtcctga gagtctatct tctttcacac ccatacagcag tgtaagtaa 360
 gcaggaagac aacctgaggt tgtctcttta ctttgagttc ctacataata aattgcagcc 420
 taatttagta cataaaccga aacctaatct aggagtaaag tttttgtagc agatagccag 480
 atttcagcca atcacaggct tccagctaac aagactatgc ccaaataagg caaatgcctc 540
 atcacatgat gctcaaataa ggcagccacc taggcgaggc caatcaggta acttttctac 600
 tttgcttaat tgttcagcct gtacaaatct gctgcttatg actgctgagc agagctgtct 660
 aaacctcttc tgggtttggag tgctgcctta tatatgaatt gttctttg 709

<210> 3303
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (712)
 <223> n = A,T,C or G

<400> 3303
 aacgctgggn ctaaagtggg ggtatcggtt ctttccgcag nancccntcg attcgaattc 60
 ggcacgagct gcgacccctc ggaccagtgc ccgccccagg cccgctggag cagcctgtgg 120
 cacgtggggc tcactctgct ggcggctcctc ctgcttctgc tgtgtggtgt cacagctggg 180

tgtgtccggt	tctgctgcct	ccggaagcag	gcacaggccc	agccacatct	gccaccagca	240
cggcagccct	gcgacgtggc	agtcacccct	atggacagtg	acagccctgt	acacagcact	300
gtgacctcct	acagctccgt	gcagtaccca	ctgggcatgc	ggttgcccc	gccctttggg	360
gagctggacc	tggactccat	ggctcctcct	gcctacagcc	tgtacacccc	ggagcctcca	420
ccctcctaag	atgaagctgt	caagatggcc	aagcccagag	aggaaggacc	agcactctcc	480
cagaaaccca	gccctctcct	tggggcctcg	ggcctagaga	ccactccagt	gccccaggag	540
tcgggcccca	atactcaact	accaccttgt	agccctgggtg	ccccctgaag	gaggtaggag	600
aacggaccag	agcttggaga	actaatgctt	ggagccaagg	gccccagccc	acccccacct	660
cccacacatt	gctgtggccc	caacctcggt	gccatgttac	accggcccc	gg	712

<210> 3304

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 3304

gnanctaata	gcntgggcna	ctcgttcttt	ccgcagganc	cctcgattcg	aatcggcacg	60
aggagttttt	tgtgatattg	aggcattcat	acagagctgc	agttagacgg	ggttacgggg	120
gctaaaagca	gaaaaaaaaa	tccatttcat	cgggatggaa	ctgaaggatt	ttattctata	180
aagcggccct	ggttgaatct	ggcaattctt	tttgccaaga	tccctagcag	aagatttagc	240
catgtccttc	ccctcacttg	tgtgagtggc	cccttctgaa	tctctccagc	agccagaggg	300
acgtgagaag	cagaaagagc	tggtaaataa	agccttgggc	aagcgacttc	ttagatcaga	360
actcaccaaa	tggaaagccta	gcagctgctc	cataaaccta	gccccattct	tcatatcaat	420
tttgtataaa	tatatagaaa	cacacacaca	gcctcagact	tacaaactga	ttatactcta	480
aaagtttgta	tgtcagtttag	ctaaaacttc	agaatacatt	tctccctata	aagagttata	540
aatgatgggt	tagttctcag	gcagctacaa	atgcctatct	attccctaata	gtacctgaac	600
actagtacca	tagaactgaa	ccaccatctg	tatcagcgca	tggggagtgt	gcattctgag	660
gtctaaccgg	gggtgccagg	aacacacaca	tctccatctc	cagcata		707

<210> 3305

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 3305

gnanctaata	gcntgggcna	ctcgttcttt	ccgcagganc	cctcgattcg	aatcggcacg	60
aggagttttt	tgtgatattg	aggcattcat	acagagctgc	agttagacgg	ggttacgggg	120
gctaaaagca	gaaaaaaaaa	tccatttcat	cgggatggaa	ctgaaggatt	ttattctata	180
aagcggccct	ggttgaatct	ggcaattctt	tttgccaaga	tccctagcag	aagatttagc	240
catgtccttc	ccctcacttg	tgtgagtggc	cccttctgaa	tctctccagc	agccagaggg	300
acgtgagaag	cagaaagagc	tggtaaataa	agccttgggc	aagcgacttc	ttagatcaga	360
actcaccaaa	tggaaagccta	gcagctgctc	cataaaccta	gccccattct	tcatatcaat	420
tttgtataaa	tatatagaaa	cacacacaca	gcctcagact	tacaaactga	ttatactcta	480
aaagtttgta	tgtcagtttag	ctaaaacttc	agaatacatt	tctccctata	aagagttata	540
aatgatgggt	tagttctcag	gcagctacaa	atgcctatct	attccctaata	gtacctgaac	600
actagtacca	tagaactgaa	ccaccatctg	tatcagcgca	tggggagtgt	gcattctgag	660

gtctaaccg ggggtgccagg aacacacaca tcttccatcc cagcata

707

<210> 3306
 <211> 703
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 3306
 ctaatgcttg gctantngtt ctttttgcag gatcccatcg attcgaattc ggcacgagat 60
 tagctgcttg tgggtggggcc ccaaccgccc tcgggcactg gggagctggg ctggggctgc 120
 tgctctgggg tctccggggg ccacagcttg gggtgagttg aagacctcag gggatgtgga 180
 ggggtctgcg gggccctggc cgcacaggat ggccttcagg gaagggtggc ttggggcatg 240
 gtgcagagca ggtgaccgga gggaatcggg gacggagcgg ggccaaggga ggggtccgga 300
 gggagtcagg gatggagggc agagggagtg gatgtggggg tttgaggacg tgtgacaagc 360
 tccagcaggg gtggggggcc ggctgagggt gggggtgcga ggtggtcact cccatcgctg 420
 ccttgccgt cctccactc acccacacct ggcccagtc acgttgaggt ccaggactgg 480
 gaaggaccgg gtgagtgac cggggaccca ggccagggtg cccccggagc ctgctggggg 540
 ggccagagca ggaggggggtg tgtttccttt ttgtgggtgt tgcattgcaa tcaagtggac 600
 aagaaaaaat aacanaacan anaanaaaaa aaaaaactcg agcctctaga actatagtga 660
 agtcgtatta cgtagatcca gacatgataa gatacattga tga 703

<210> 3307
 <211> 710
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3307
 gnnccntaaa tngctgggct actcgtncct tctcgacgn anccnnncgn ttcgcacaaa 60
 gggagaactt cctcgaggct ggaactgggt tgatgttggt aagcatttaa gcaaaactgg 120
 ctctaaggat gatgagtagc acttggaatt tgagacaagg aaagagcatt ctttaaagag 180
 taaaactggg ttcaaatct ttcattacta ttttctggta ttgaggcgac tttttataaa 240
 acacaatttt ttgtatgttt cttacattaa aaagggtgta agttgaaagt tcatgaagag 300
 atcttggtgt attaaattat tttcacaac ttgccttaat aaaagggtgaa aatgttactg 360
 tttagtatac tttatgaagc ccttgagct ttataaatgg acaggcatgg ggaataagaa 420
 tcagtgttaa tttaaatgat cttatcctgg tggatgtgct attttcttaa aggagtatga 480
 agcccttttc aaactatcat cccagtgagg cggagtactc agtgaacagt tactccatag 540
 tgcaatccat attaataggc ttcttctctt aagtcttcat ctcttctttt gcttaattac 600
 tgaaccgtaa attacttcag agaaatttaa atgctggtat ttgaacttta tacatgatac 660
 tttttgtagt ttcttttaat ttttgaaaga tgaactgctt ccttttaanc 710

<210> 3308
 <211> 757
 <212> DNA
 <213> Homo sapiens

 <220>

<221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3308
 nnannnnnnnn tnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn rnnngtnctaa 60
 tgctggcnat cgttctttcc gcagcagccc ancgattcga attcggcacg agataacaca 120
 gactttcaag gaccaaggat tggaggtttt aaagcaggaa acagcagttg ttgaaaacgt 180
 ccccatTTtg ggactttatc agattccagc tgagggtgga ggccggattg tactgtatgg 240
 ggactccaat tgcttgatg acagtcaccg acagaaggac tgcttttggc ttctggatgc 300
 cctcctccag tacacatcgt atggggtgac accgcctagc ctcagtcact ctgggaaccg 360
 ccagcgcctt cccagtggag caggctcagt cactccagag aggatggaag gaaaccatct 420
 tcatcggtac tccaaggttc tggaggccca tttgggagac ccaaaacctc ggccctctacc 480
 agcctgtcca cgcttgtctt gggccaagcc acagccttta aacgagacgg cgcccagtaa 540
 cctttggaaa catcagaagc tactctccat tgacctggac aagggtggtg tacccaactt 600
 tcgatcgaat cgccctcaag tgaggccctt gtcccttgga gagagcggcg cctgggacat 660
 tcctggaggg atcatgcctg gccgctacaa ccaggagggtg ggccagacca ttctgtctt 720
 tgccttcttg ggagccatgg tggctctggc cttcttt 757

<210> 3309
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3309
 ctaatgctgg anctaatingc tgggctctcg ttctttncgc agganccctc gattcgaatt 60
 cggcacgagg tcacatctta gatggatggg ggcagacaaa aagagagagc ttatttaggg 120
 aaactctgtt tttaaaacca tcagatctca tgcaacttat tcaccatcac aagaacagca 180
 gggcacagac ccatcccat gattcaatca ttctctactg gggtttcttc acagcatgta 240
 ggaattatgg gagctacaag atgagatttg ggtggagaca cagagccaaa acacatcaga 300
 tgccatggaa atacaatgag gaaaagacag tctttccaat aaactgtgct gggaaacctg 360
 gctatccata tgcaaaagaa tgaaactgga tctccatctc cctccttata taaatataaa 420
 atcaaatggt attaaagatt taaatctaag accttatact ataaaactaa aaaagaaaac 480
 agtgggaaac tctctgggac attagtctgg gcaaaaattt cttgagtaat acccctcaag 540
 cacagacaac aaaagcaaaa atggacaaat gtgaacacat caagttaaaa actatctgca 600
 catcaaagga aacaatcaac aacgtgaaca gacagccac agaagagag aagtatttgc 660
 aagatactca tctgacaagg gattaataga atatataagg agctcaaata 710

<210> 3310
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3310
 ctaatgctgg anctaatingc tgggctctcg ttctttncgc agganccctc gattcgaatt 60
 cggcacgagg tcacatctta gatggatggg ggcagacaaa aagagagagc ttatttaggg 120

aaactctgtt	tttaaaacca	tcagatctca	tgcaacttat	tcaccatcac	aagaacagca	180
gggcacagac	ccatccccat	gattcaatca	tttctactg	ggtttcttcc	acagcatgta	240
ggaattatgg	gagctacaag	atgagatttg	ggtggagaca	cagagccaaa	acacatcaga	300
tgccatggaa	atacaatgag	gaaaagacag	tctttccaat	aaactgtgct	gggaaacctg	360
gctatccata	tgcaaaagaa	tgaaactgga	tctccatctc	cctccttata	taaatataaa	420
atcaaaatgg	attaaagatt	taaatctaag	accttatact	ataaaaactaa	aaaagaaaac	480
agtgggaaac	tctctgggac	attagtctgg	gcaaaaattt	cttgagtaat	accctcgaag	540
cacagacaac	aaaagcaaaa	atggacaaat	gtgaacacat	caagttaaaa	actatctgca	600
catcaaagga	aacaatcaac	aacgtgaaca	gacagccac	agaatgagag	aagtatttgc	660
aagatactca	tctgacaagg	gattaataga	atatataagg	agctcaaata		710

<210> 3311

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 3311

ctaagtctgg	gctggcgntc	tttccgcaag	annctcgat	tcgcccaggc	tgacaggggc	60
tctgccgtct	ttaacatgtg	actttctagg	tcagtcctct	ggtcattgct	tttccacaca	120
gcagataaga	caaaggagtg	gaaatagagg	ggtagagatt	ttctcttaaa	cgtgtgaggg	180
tggagtggta	tgcttcattg	gcaagaacct	ggctctagcc	tgcttagctg	aaaggagggg	240
agtcagggag	atgcactttg	cagccaaaat	tctgttgcca	agaaggggaa	agtagatttg	300
gttggatttt	gatctgtgtt	tgctgctgtg	ttactctata	attcagccat	gtactctgga	360
ggtttagcta	tgttgtagcc	aattgatcta	tctcatctct	ttttactact	gtacattata	420
ccacaataag	agcatgctac	gctttgttta	gctgctagct	gtttccttcc	taatggatag	480
ttagctgatt	tctgttggtt	ttctctgaga	accaatgttg	caacgccccat	cgaggaactc	540
tgccccccag	atatatgtac	atgtgtgatg	tttctctttt	atgggaactg	ggcatcaag	600
catgtgtctt	tagtctggat	agctattgtt	aaactgccta	caaactgagc	agatctatta	660
atatcagtta	cacttggggc	tttgggggtt	gagan			695

<210> 3312

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 3312

ctaagtctgg	gctggcgntc	tttccgcaag	annctcgat	tcgcccaggc	tgacaggggc	60
tctgccgtct	ttaacatgtg	actttctagg	tcagtcctct	ggtcattgct	tttccacaca	120
gcagataaga	caaaggagtg	gaaatagagg	ggtagagatt	ttctcttaaa	cgtgtgaggg	180
tggagtggta	tgcttcattg	gcaagaacct	ggctctagcc	tgcttagctg	aaaggagggg	240
agtcagggag	atgcactttg	cagccaaaat	tctgttgcca	agaaggggaa	agtagatttg	300
gttggatttt	gatctgtgtt	tgctgctgtg	ttactctata	attcagccat	gtactctgga	360
ggtttagcta	tgttgtagcc	aattgatcta	tctcatctct	ttttactact	gtacattata	420
ccacaataag	agcatgctac	gctttgttta	gctgctagct	gtttccttcc	taatggatag	480
ttagctgatt	tctgttggtt	ttctctgaga	accaatgttg	caacgccccat	cgaggaactc	540
tgccccccag	atatatgtac	atgtgtgatg	tttctctttt	atgggaactg	ggcatcaag	600

```

catgtgtctt tagtctggat agctattgtt aaactgccta caaactgagc agatctatta 660
atatcagtta cacttggggc tttgggggtt gagan 695

```

```

<210> 3313
<211> 701
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(701)
<223> n = A,T,C or G

```

```

<400> 3313
nctaagtctg gctgtgttgc tttttgcagg atcccatcga ttogaattcg gcacgaggtc 60
cagaaatact ctgatactag ctatggtcag caacatttaa tgaaaacct tatgttaaaa 120
ataaacccct gctcctctggc ttcaagcgat tctcctgect cagcctcctg agtagctggg 180
agtataggca cgtaccacca caccagcta attttttgta tttttactag agatgggttt 240
cacagtgtta gccaggatgg ttctgatctc ctgacctcat gatccgcccc cctcggcctc 300
ccaaagtgcg gagattacag gcgtgagcca ctgtgccccg cctcaaaatc ttaagaaaag 360
gttcttttgg tgcattggagt ttacatgga ataagttagt gctctgcaa tttaaatatt 420
ttttacacag atttgatgct gtgcaaatgc cctctcccc tttagggtgt gctgtttcag 480
tatctcaagc ccagaaagat gaattaatcc ttgaaggaaa tgacattgag cttgtttcaa 540
attcagcggc ttgtattcag caagccacaa cagttaaaaa caaggatata aggaaatttt 600
tggtatggtat ctatgtctct gaaaaaggaa ctgttcagca ggctgatgaa taagatctaa 660
gagttacctg gctacagaaa gaagatgcca gatgacactt n 701

```

```

<210> 3314
<211> 704
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(704)
<223> n = A,T,C or G

```

```

<400> 3314
nnnnctaagt ctggctactc gttcttttnc caggatccca tcgattcggg ctaaaaccca 60
ggttcagcaa cttcttgtct caatcacccct tcagtcagag tgtgatgctt tccccaacat 120
atcttcagat gagtcttata ctttacttgt gaaagaacca gtggctgtcc ttaaggccaa 180
cagagtttgg ggagcattac gaggtttaga gacctttagc cagttagttt atcaagattc 240
ttatgggaact ttcacatca atgaatccac cattattgat tctccaaggt tttctcacag 300
aggaattttg attgatacat ccagacatta tctgccagtt aagattatc ttaaaactct 360
ggatgccatg gcttttaata agtttaatgt tcttcaactg cacatagtgt atgaccagtc 420
tttcccatat cagagcatca cttttcctga gtttaagcaat aaagttagta aattgtattg 480
tactctgtct acaaaaaacat tgggtatagt ttcattacaa gttttagct taaatgtttg 540
ttcttatgga tagaatcaaa gtgtaaaaat cagatgttta tgggttttaa ttttttggc 600
tgtgacttag cattttacat ccataaaaact ttttttgta ttgntataac gggtactgta 660
attgttactg tgaatatcaa caatcttggg gaagtgtaaa tccg 704

```

```

<210> 3315
<211> 702
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (1)...(702)
 <223> n = A,T,C or G

<400> 3315
 gnnctaagtc tggctcttgt tcttttgcag gatccctcga ttcgtttttt aagagataag 60
 gtcttgctat gttatctagg ctggcctaaa cttctgggct gaagtgatcc tcctgtgtag 120
 ctgggactac aagcatgtgc caccaatgcc tggcttctca cactgttttg taacatagat 180
 atgtgaagat gtgtattata gaattgtttg taatactgta gtgtttagg caatgtgact 240
 gtctataggg aagtggacag gttatttgtg gtaataactc atggaaaacg gtcaagcagt 300
 taaaagcaat caattatggg caccagcaa tgcagataaa tcttaaaagc atatgatgct 360
 atgataccaa agcacaagca ccgcccctgt aaatagagga attagatttc ttcagcatta 420
 aaactttgtg catcaaagga tagtatcaag aaagtaaaaa gacaaatgga gaatgggaga 480
 aaaatacttg caaaccatgt atctgataaa ggtctagtat tcagaaaaca attcaacaat 540
 aaaaagaca aataactgag ttataaatgg caaaggattt aaatagacat ttctctatgt 600
 aaagaagatt tacaaatagt caataagcac atgaaaaaga tgttcaacat cattactcat 660
 cagcaaaatg ccaatcaaaa ccacaatgaa ataccatttc at 702

<210> 3316
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 3316
 gnnnnntttn nnnnnnttnt aaananacag gctacttggt ctttttgcag gateccatcg 60
 attcgaattc ggcacgaggc cacacgggcc gcatcatccc tgcaatctgg ttccgctacg 120
 acctcagccc catcacgggc aagtacacag agagacggca gcccgcttgt acagattcat 180
 caccacgatc tgtgccatca ttgggcggga ccttcaccgt cgcgggcac ctaggactcat 240
 gcatcttcac agcctctgag gcctggaaga agatccagct gggcaagatg cattgacgcc 300
 acaccagcc taatggccga ggaccctggg catcgccagc cttgcctcca gtgcectgtc 360
 tcttttggcc ctcaatctgg tcccaaactt ggctgtgtcc caaaggggtg gtgggaagtg 420
 gggggaaagt agaggatggc tcgatgtttt gcagctacct cttttccccg tgtttctttt 480
 tagacaaatt acactgcctg aagttgcagt tcccccttcc tggggagccc caagaacaga 540
 gtcaggcaag ggggtgggag tncagggatc ttggggaccc ctntaggag agctgcagtc 600
 tcttncctta ggggaacatn ccanaatgca tatngatcag ctntnagcca ggctttngac 660
 aattttccag cccccaacta ggtgggacac attaatgaat ttgggttttt cccttgggca 720
 agccaacctg ncccaaangc accaaaactg gggcttttan n 761

<210> 3317
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 3317
 tacagctact tgttcttttt gcagatccca tcgattcggt ctcagatacc tgatggatcc 60

```

agacacattc actttcaact ttantaatga cccttnggtc cttcgacggc gccagaccta 120
cttgtgctat gaggtggagc gcctggacaa tggcacctgg gtccctgatgg accagcacat 180
gggcttttcta tgcaacgagg ctaagaatct tctctgtggc ttttacggcc gccatgcgga 240
gctgcgcttc ttggacctgg ttccttcttt gcagttggac ccggcccaga tctacagggt 300
cacttgggtc atnttctgga gcccctgctt ctctggggc tgtgcccggg aaagtgcgtg 360
cnttccctca ggagaacaca cacgtgagac tgcgcattct cgctgcccgc atctatgatt 420
atgacccct atataangag gcgctgcaaa tgcctgnggga tgcctggggcc caagtttcca 480
tcctgacctc cgatgagttt gactactgct gggacacctt tgtgtaccga cagggatgtc 540
cttncaacct gggatggact aaaggagcac agccaanccc tgagtgggag gctgcngggc 600
attctccaga atcanggaaa ctgaaggatg gcctcantct ctanggaggc ngagacctgg 660
gttggcanca naataaaaaga tttttttcaa gaaatgcaaa cagaccgtca ccacn 716

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```

<210> 3318
<211> 726
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(726)
<223> n = A,T,C or G

```

```

<400> 3318
caggctactt gttctttttg caggatccca tcgattcgaa ttccggcacga gtgaagaatg 60
gcgtgggttg gttccctttca aatgcacttg agcagcggtc tccaaccaca gggccacaga 120
gctggagggt agcagcaggc gagtgaaggg aaacttcate tgtattttcta gcccctccca 180
tcgcttgcat gaccacctga gctccatgtc ctgtcagatc agcagcagca ttagattctc 240
acaggagcac aaactctgtt gtgaagtgtg catgcgaggg atctagggtg tgtactcctt 300
atgagaatct aatgcctgat attctgttac tgtctcccat cccccagat ggacagtcta 360
gttgaggaa aacaagctca gagatccac tgagtctacg ttatagttag ttgtagaatc 420
atttcattat atattactat gtagtaataa tagaaataaa gtgcacaata tatgtaatgc 480
acttgaatca tctgaaatt attccctcat tcccagtcgt tggaaaaatt gtcttccaca 540
cattcactct gtttttttgt agaggcaggg tcttaataata ttgcccagtc tgatctcaaa 600
ctcttgacct caagtaatat acctctctta gcctnccaaa agtgcctgaga ttacaggcat 660
aagccccccc ctcaaccaag actttnttna accaaataaa aattaagtga gattactttg 720
gccag 726

```

```

<210> 3319
<211> 841
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(841)
<223> n = A,T,C or G

```

```

<400> 3319
tacangctac ttgttctttt tgcaggatcc catcgattcg aattcggcac gaggtccctt 60
gctcggggcc atggagacac tgcggccagt acggcggcgc ctctgtctga agaaggggaa 120
gtgacctcgc gcctc ggc tctggcgtg gaggataccg gagccctct gcctcggccg 180
gtaaggccga ggacgagggg gaaggaggcc gagaggagac cgagcgtgag gggtcggggg 240
gcgaggaggc gcaggagaa gtccccagcg ctgggggaga agagcctgcc gaggaggact 300
ccgaggactg gtgcgtgccc tgcagcgacg aggaggtgga gctgcctgcg gatgggcagc 360
cctggatgcc ccgcccctcc gaaatccagc ggcctctatga actgctggct tgcccagggt 420
actctggagc tgcaagcccg agatccttgc ccgcccggc cttccacgcc ggaggccan 480

```



```

aaccgaaaag gaaaagatcc cgatgaagga gcccgagggc ccaaaanaan aaggaaagag      540
ggaaaaaacc cacacattgc cccacnggaa tttggaattt ttgattgaat gagcccaant      600
ggaccaccca aanggaacttn cccttgattg gaaccgggga gaaccccanc ccccaaggga      660
aagcnnntnaa ncccccgga agccccagaa aaaccngggn angggcccc ccccttggn      720
acnaaagggt ggccttttcc cggnccctt tgaaaggagg gacccccan nnaaagncnt      780
tggganggga aaccaaaaaa tcccctttnn gtaanccccg gggaangggg nanccctnt      840
t                                                                                   841

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```

<210> 3320
<211> 741
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (741)
<223> n = A, T, C or G

```

```

<400> 3320
gnnnnnttnn nnnnnnttn tntananaca ggctacttgt tctttttgca ggatcccatc      60
gattcgcaga aattcaaata attcttttct gcttcaatgc cagcagaagg tccccagggt      120
agacatggag aagcactttg ttttaaatag gagggtttca tagttgcac tgaagccacc      180
tggttctgtt aaactgtatc gtgcagggtt tgggtttggc attattcatg tttctgatca      240
attctatgca actctcatag ttctgttac ttttttagcat tagctgcaa atgacttcaa      300
aaggctgggg tgggtgactt gactgtgaga ctggattata acatggacaa atcttatttt      360
gcttaatgtg tttgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtatgta      420
tatatatata tataaatatc tttcccaata tgccccgttg acagtgttta aattccanac      480
taggactgct gatctgcaca atttaattat gtggnattc gagcacttaa tttcactcaa      540
ggntcattgg gctctgctct tctccctgcc attacnggag ctgtggacag agctnccctc      600
ttcaanantc tagtggtttt gcncacagg ntgnccaatg anaaaactga nttgcgtgnc      660
tgtaaatgtt gcncaggng caccctnnn agggntcnat nctccggcct gtcctccaaa      720
agggctgggc cttgggccc n                                                                                   741

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```

<210> 3321
<211> 751
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (751)
<223> n = A, T, C or G

```

```

<400> 3321
ggnnnnntttt nnnntactg ananccttn gctacttgtt ctttttgcag gatcccatcg      60
attcgaattc ggcacgagag gcgatatccc tgagctgaga gcatnaccct gtccccgaat      120
ccttctttcc tctctgtttt gtttttcatt cccctccctc tctccctcc cctccagtc      180
cacgacgact gggctgttga ccctgttcag gccteggtga aggccttttg ttactccct      240
tcccacccca tcccttaatt ttattctttt gaagagtgc tttcaagctg ccaagggtgga      300
gagagggatt acagaaagga gaacacctta tttcagaaaa ggtgtaccat acctgagagc      360
accaggaagt cgcctgagag atcacctgat acatgaacgt atgatgttcc atctgcgcac      420
tgatgaatag gcagcattta caaattaact gatgtgttgc tgnatatcat ctctttgatg      480
attgctcttc tctttgttat cctgncttat aatttcaaca catttgcat actcaatgtc      540
tattctaaat taaccatgtt ttgtaccaca aactcattgc ccatggatct gttgtgaaa      600
caaggaagtc ttaaacaga agtggaatct ttctgttatc agattgggtc tgaatcaaat      660
gatcagaagg gtgggaatat taaaaantga agaataacag ntgcaacctt cagtttctna      720

```

aaaataanaa gngagctttt cagggcaaat t

751

<210> 3322
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3322
 nctaagtctg ggcnettgtt cttttngcag gateccatcg attcgaattc ggcacgaggt 60
 ctagtataat cttgatgtct aaaccagata aggacaatac aagaaaggaa gagtataggg 120
 taattctacc caataactaa atgaagtatt agcaaaccag attcatcaat aatcttttaa 180
 aaatcaagaa ttaattggat ttaggaatat aacactgtgt ataacaagtt taagagaaat 240
 atatgagaat gataagactg caattgaaag tagaggcttt ctctggaggg aaaggtaggg 300
 aggatgtgat ttggaagaac agcatgggga ggcacagttt gtattgtaat gtttattttt 360
 taagctgaat gataggtacg tagatgttca ttgtgttctt tttgcctttt tgtatatctt 420
 aaatatatgg tagtgccatg attagcaggc ttaatagcct tgtgagttta aatgtcactt 480
 tcaaagtctg tatttttggg ggagttgctt aaacacattc ccttggaat ctatacaacc 540
 agttaaaaaa atcatgtata aaccaccatg aaatataatg aaatgtactg tatatgcatt 600
 ttcataaatg ttgtgtcaaa gggctttagt gaaaaaaga tcgttaactc ttttgcattc 660
 agtgaaaata tttggctttg gaaatagttt cagccttgct aacac 705

<210> 3323
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 3323
 gnnnnnttttn nnnnnntttnt aaananacag gctacttggt ctttttgcag gateccatcg 60
 attcgaattc ggcacgaggg cacacggggc gcatcatccc tgcaatctgg ttccgctacg 120
 acctcagccc catcacgggc aagtacacag agagacggca gcccgcttgt acagattcat 180
 caccacgacg tgtgccatca ttgggcggga ccttcaccgt cgccggcatc ctggactcat 240
 gcatcttcac agcctctgag gcctggaaga agatccagct gggcaagatg cattgacgcc 300
 acaccagacc taatggccga ggaccctggg categccagc cttgcctcca gtgcctgtc 360
 tcttttggcc ctcaatctgg tcccaaactt ggctgtgtcc caaagggtgt gtgggaagtg 420
 gggggaaagt agaggatggc tcgatgtttt gcagctacct cttttccccg tgtttctttt 480
 tagacaaatt acactgcctg aagttgcagt tcccccttcc tggggagccc caagaacaga 540
 gtcaggcaag ggggtggggag tncagggatc ttggggaccc ctntagagg agctgcagtc 600
 tcttncctta ggggaacatn ccanaatgca tatngatcag ctntnagcca ggctttngac 660
 aattttccag cccccaacta ggtgggacac attaataaat ttgggttttt cccttgggca 720
 agccaacctg ncccaaangc accaaaactg gggcttttan n 761

<210> 3324
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (712)
 <223> n = A,T,C or G

<400> 3324

gtncctaattng	ngngctcncg	gcnnngtccegc	aacagcccng	cggntcgaat	tcggcacgag	60
gcctttttgtg	gggtctcata	cataactcag	ttccacaaa	gctgtgcccc	agctcagccc	120
tatggataga	agcatgggtct	ggggttcctt	tgctgaccag	ggtgtgtgct	ttgtccaagt	180
tactgacctt	cccaaacctc	atcaatgcac	ataaaaagag	cacttgcaaa	caatgaatct	240
agacatggac	cttcacaaaag	aaataactca	aaatggatcc	caggcctaaa	tgaaaaatga	300
aaaactataa	aactcctaga	agataacata	aaagaagatc	tagatgacct	aggggtttggc	360
aatgactttt	tagatccagc	accaaaggca	ggatccagga	aagaaataat	tgataagctg	420
gacttcatta	aaacgaaaaac	ttctgctctg	tgaaagatgc	tgccaaaaaa	tgaaaagaca	480
agccacagac	tgggagaaaa	tatttttgat	ggaaatatct	gagaagagag	gcttggtatc	540
caaaatatac	aaagaatttc	taaaactcaa	taatttgaaa	ataaacaacc	caatttaaaa	600
agtgggccaa	agatcttaaa	tgacgcctca	ccaaagaaga	tacacagatg	gcaataaagc	660
atatgaaaag	atgctcccgg	ctgggcacgg	tggtcacgc	ccgtaatccc	gc	712

<210> 3325
 <211> 1249
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1249)
 <223> n = A,T,C or G

<400> 3325

angctacttt	gttctttttg	caggnnnttt	ttnnnnnatac	agctcttggt	ctttttgcag	60
gatcccatcg	attcgaattc	ggcacgagaa	aacacacaca	cacacaacac	aatgttttca	120
cgctgtataa	cctagcacat	tggaagcca	aggtggggag	ggattgcttt	gaggccaggg	180
aagttcaagg	gctgcaagt	gagcttatga	attggcncac	ctggtacctc	ttagccctgg	240
gggaggaaca	agaagtggag	gaacacctgg	tcttcttnaa	aaaaaaaaaa	aaaaaaaaagg	300
tttttttttg	gaaaccctt	ttaaaaaaat	taaccttttt	tggttttttg	ggaaaatttt	360
tcctttaaaa	ttccaattcc	aanttttcca	aaaaaaaaagg	naaggcccaa	ggtttaaaaa	420
aaaaaaaaat	nggggggttt	aaaccttttn	gggttttncc	tttnggggt	aacccaaaag	480
ggccctttan	cctttaaaaa	tttttaagg	aaacctttta	tttaagggtt	aaggggggaa	540
attaantttt	tttttnaaaa	aaaggnaagg	cccttgggna	aaantttcaa	cccttttttt	600
ttnggggggt	aanttttttt	tnggggggttn	anttaaaaaa	aattaatttt	tttttnccaa	660
tttttttggg	ttttaaatng	gttccccccc	caaggntaaa	ttaaattttc	ccttttaaac	720
cttgggggna	aaaaaaaaatt	ttcctttttg	ggtttttttt	gggaaattcc	ttgggcccc	780
ttggnaaaaag	naaaaaaaaaa	ttaanttcct	tggggttttt	ttnccttaan	ttanttaaaa	840
aaaaaaaaaa	aatttttttt	tttttaaaaa	aaaattaaaa	atttnggtta	aaaaagggtt	900
ttaagggaat	tttttaaaaa	aaaatttttg	ttaaaaaaa	attattttaa	aaaaattcca	960
accaaaaagg	gggaaaattg	gttanccctt	tttaattggga	aaatgggttt	gggtttggga	1020
cccanttttt	ttaattggaa	aaaatttaat	tggtngggga	tttccaatta	tttacctggg	1080
tttanccaaa	ggaataagga	aaatttgga	atgggccaaa	aaaggaccca	aaaacctca	1140
attaaaaatt	tgagggaaaa	cgtggttatt	atgtaattga	aataaaaaa	ttttataatt	1200
gtaaaaaaa	aaaaaaaaaa	actcgagcct	ttaactata	ggggtcgt		1249

<210> 3326
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 3326

ttaaanannt	ngctcttggt	ctttttgcag	gacctttcna	aanacagctc	ttgtnttttt	60
gcggatccct	cgattcggtt	ctatacaatt	tttccttctg	atccagagac	acggaaaaac	120
aaagggcaag	atggaaataa	gggatgagaa	ggtctatgtg	gaaaaacagt	tacaactggg	180
agtgggtaac	tgcaaaacca	agcagcttca	tgtgatcggt	aggacagaag	aaattttctcc	240
tttgtagcct	agagcaatat	tctcaaaatt	taatgcgcat	gttaatcatt	tggggatctt	300
ttattcattt	tttcatgtgg	ggatctttta	aaaatgcaaa	ttctgatttg	gtaagtctgg	360
agtaggtcct	gagcttctgc	atgcttcaaa	agctgattat	gttttgagaa	catggatcta	420
gatgctggta	ttgaggtggg	agacaagtac	tgccacctga	aacaacagtc	ttggtaaatt	480
tagccccgacg	agggtaaaca	catcctaaca	gggaaggtaa	actgtcgtcc	atcagtacca	540
ctagagggca	tcaactgggtt	atagttcaat	acagtgaata	tatcagaata	atggccttta	600
gttttcctga	aagattaaat	taggcttgct	aacttgttta	atgagataat	caaacatatg	660
atgtaatttt	aaaggggttta	cattttttaa	aattaatagg	gtatcagtta	ctaattttac	720
ttaaattgna	ctctgtaagc	ttaataggta	tgcttaaata			760

<210> 3327
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 3327

ttaaanannt	ngctcttggt	ctttttgcag	gacctttcna	aanacagctc	ttgtnttttt	60
gcggatccct	cgattcggtt	ctatacaatt	tttccttctg	atccagagac	acggaaaaac	120
aaagggcaag	atggaaataa	gggatgagaa	ggtctatgtg	gaaaaacagt	tacaactggg	180
agtgggtaac	tgcaaaacca	agcagcttca	tgtgatcggt	aggacagaag	aaattttctcc	240
tttgtagcct	agagcaatat	tctcaaaatt	taatgcgcat	gttaatcatt	tggggatctt	300
ttattcattt	tttcatgtgg	ggatctttta	aaaatgcaaa	ttctgatttg	gtaagtctgg	360
agtaggtcct	gagcttctgc	atgcttcaaa	agctgattat	gttttgagaa	catggatcta	420
gatgctggta	ttgaggtggg	agacaagtac	tgccacctga	aacaacagtc	ttggtaaatt	480
tagccccgacg	agggtaaaca	catcctaaca	gggaaggtaa	actgtcgtcc	atcagtacca	540
ctagagggca	tcaactgggtt	atagttcaat	acagtgaata	tatcagaata	atggccttta	600
gttttcctga	aagattaaat	taggcttgct	aacttgttta	atgagataat	caaacatatg	660
atgtaatttt	aaaggggttta	cattttttaa	aattaatagg	gtatcagtta	ctaattttac	720
ttaaattgna	ctctgtaagc	ttaataggta	tgcttaaata			760

<210> 3328
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 3328

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agctcttggt ctttttgcag gatcctttca anatacagct cttgttcttt ttgcagggtc      60
ccatcgattc gtttctatac aatttttccct tctgatccag agacacggaa aaacaaaggg      120
caagatggaa ataagggatg agaaggtcta tgtggaaaaa cagttacaac tggagtgggt      180
aactgcaaaa accaagcagc ttcatgtgat cgtaggaca gaagaaattt ctcctttgta      240
gcctagagca atattctcaa aattttaatgc gcatgttaat catttgggga tcttttattc      300
attttttcat gtggggatct tttaaaaatg caaattctga tttggtaagt ctggagtagg      360
tcctgagctt ctgcatgctt caaaagctga ttatgttttg agaacatgga tctagatgct      420
ggtattgagg tgggagacaa gtactgccac ctgaaacaac agtcttggtta aatttagccc      480
gacgagggtta aacacatcct aacagggaag gtaaaactgta cgtccatcag taccactaga      540
gggcatcact ggtttatagt tcaatacagt gaatatatca gaataatggc ctttagtttt      600
cctgaaagat taaattaggc ttgctaactt gtttaatgag ataatcaaac atatgatgta      660
attttaaagg gtttacattt ttaaaaaattt aatagggtat cagttactaa ttttacttan      720
atggactctg taagcttata gggtgcttaa an                                     752

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<210> 3329

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 3329

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agctcttggt ctttttgcag gatcctttca anatacagct cttgttcttt ttgcagggtc      60
ccatcgattc gtttctatac aatttttccct tctgatccag agacacggaa aaacaaaggg      120
caagatggaa ataagggatg agaaggtcta tgtggaaaaa cagttacaac tggagtgggt      180
aactgcaaaa accaagcagc ttcatgtgat cgtaggaca gaagaaattt ctcctttgta      240
gcctagagca atattctcaa aattttaatgc gcatgttaat catttgggga tcttttattc      300
attttttcat gtggggatct tttaaaaatg caaattctga tttggtaagt ctggagtagg      360
tcctgagctt ctgcatgctt caaaagctga ttatgttttg agaacatgga tctagatgct      420
ggtattgagg tgggagacaa gtactgccac ctgaaacaac agtcttggtta aatttagccc      480
gacgagggtta aacacatcct aacagggaag gtaaaactgta cgtccatcag taccactaga      540
gggcatcact ggtttatagt tcaatacagt gaatatatca gaataatggc ctttagtttt      600
cctgaaagat taaattaggc ttgctaactt gtttaatgag ataatcaaac atatgatgta      660
attttaaagg gtttacattt ttaaaaaattt aatagggtat cagttactaa ttttacttan      720
atggactctg taagcttata gggtgcttaa an                                     752

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<210> 3330

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 3330

```

ttggnnnnnn nnnnnntttt annntncagc tnnngnnnagc tcttggtctt ttgcaggat      60
cccattgatt cgaattcggc acgagggttg cggagatgt ctttttattt ttgtgctgta      120
aaattctctt acagcaaaaa taggcttttag aaaggctctt tactgtcttc agcaaccatc      180
tcattcttcca gcttcacctg attgtccagt tatcatatcat ttgactttca aatgtatgaa      240
ccagcatgta ccccatggat ttaattcttat ctaccccgty gattcaatct tcttatcaga      300
aggttctttt atgtcaaaaa acctgctgtc aaggcttgaa gagccggcac actcaatggc      360

```

```

aaacacagca cccgagtctg ctctgaatcc tggaggatct ggccctcctc tcaacccccca 420
ctcacagtca ccgtcttaca actcagggcc acctgggata agtcatcagt caggggtgcgt 480
aagccttgaa taccaggtag cctcaggagt gaaaagataa atgtcctaga tcattacctt 540
attcagtgtc cccaccttgc agcgcattcc aaccacctgg gagcatttaa aactccagat 600
gcccacacca caccctgggg ccccatcag accttntgga agcaagacct gggcctncat 660
ggneccnaaa actcctaggg gatccgatgt gcagccnaat cttgaaangg cccattttaa 720
aaanaaagaa catgggtggt acattgggga gtnntta 757

```

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<210> 3331
<211> 755
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (755)
<223> n = A,T,C or G

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<400> 3331
gnnnnntnnn nnnnnnttnt nnanatacag gctacttggt ctttttgcag gatcccatcg 60
attcgtctcc ttgcctttct cctgaaagggt atgagactac ttgccttact gtcattattat 120
tgaggggaat cagccgcaaa gcctgnggaa aatgaacagt agctgtgggg tcaaagccat 180
gtctccaggt tcacgggctc actcccccca ggacaagcct agttaggtag tgggctgcat 240
ctgggtatcc ctgggacaga aatgcagggt agaaggggta tcaagaatgc ctcgagcctc 300
tagaactata gtgagtcgta ttacgtagat ccagacatga taagatacat tgatgagttt 360
ggacaaacca caactagaat gcagtgaaaa aaatgcttta tttgtgaaat ttgtgatgct 420
attgctttat ttgtaaccat tataagctgc aataaacaag ttaacaacaa caattgcatt 480
cattttatgt ttcagggttca gggggagggt tgggagggtt ttaattcgc gccgcggcg 540
ccaatgcatt gggccccgta cccagctttt gttcccttta gtgagggtta attgcgcctt 600
tggcgtaatc atggtcatag ctgtttcctg tgtgaaattg ttatccgctc acaattccac 660
acaacatacc agccgggagc ataaagtgtg aagcctgggg tgccaatga gtgagctact 720
cacattaatt gcgttgctc actgccttt ccaan 755

```

```

<210> 3332
<211> 705
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (705)
<223> n = A,T,C or G

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<400> 3332
caatgetggt tctngttctt tttgcaggat cccatcgatt cgaattcggc acgagggatg 60
acccatgcca aaaatactat gagctcttac tagtcaaccc tatttggttg gtccaccaa 120
caaaggcact tgcagttaca ttcaccacat ttgtaacgga gccattgaag catattggaa 180
aaggaactgg ggaatttatt aaagcactca tgaaggaaat tccagcgtg cttcatcttc 240
cagtgtgat aattatggca ttagccatcc tgagtttctg ctatggtgct ggaaaatcag 300
ttcatgtgct gagacatata ggcggtcctg agagcgaacc tcccaggca cttcggccac 360
gggatagaag acggcaggag gaaatcgatt atagacctga tgggtggagca ggtgatgccg 420
atttccatta taggggccaa atgggcccc ctgagcaagg cccttatgcc aaaacgtatg 480
agggtagaag agagattttg agagagagag atgttgactt gagatttcag actggcaaca 540
agagccctga agtgtcccg gcatttgatg taccagacgc agaggcacac cgaaagaaag 600
cagtactgaa agcagccagt cggccaagcc tgtctctggc caagacacat caggggaatac 660
agaaggttca cccgcagcgg aaaaggccca gctcaagtct gaagc 705

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<210> 3333
 <211> 703
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 3333
 tgctgggcta aatgctggnn atcgntcttt ccgcantaga acnnnecgatt cgaattcggc 60
 acgaggctac ctggggcgcg acgggctgga cgtggacgtg cccacgcgtc tggagggctg 120
 gttcttctgc acgcccgcgc gcaagctgct ctggctggtg ctgcagccct tcttctactc 180
 actacggcgc ctctgcgtcc accccaaggc cgtgaccgcg atggaggtgc tcaacacgct 240
 ggtgcagctg gcggccgacc tggccatctt tgccctttgg gggtcaagc ccgtggtcta 300
 cctgctggcc agctccttcc tgggcctggg cctgcacccc atctcgggcc acttcgtggc 360
 cgagcactac atgttctca agggccacga gacctactcc tactatgggc ctctcaactg 420
 gatcaccttc aatgtgggct accacgtgga gcaccacgac tccccagca tccgggcta 480
 caacctgccg ctggtgcgga agatcgcgcc cgagtactac gaccacctgc cgcagcacca 540
 ctctgggtg aaggtgctct gggattttgt gtttgaggac tccctggggc cctatgccag 600
 ggtgaagcgg gtgtacaggc tggcaaaaga tggctctgtga gccaggtg cctcctggtg 660
 gtggccattg tcccccatcg gccctcacc ttgcaccca ncn 703

<210> 3334
 <211> 696
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(696)
 <223> n = A,T,C or G

<400> 3334
 tgctgggctc tngttctttt ngcaggancc catcgattcg aattcggcac gagaaggacc 60
 tgcagcttca gcatcacttg agaagttggt aggaatgcat actagtgggc cccgccccca 120
 gacatagtga atcagaaacc aacagggagg cgcctagcat tggtttttta acaagtgtctg 180
 gggtattctg atgcacagtc tagtttaaga accactactt tgggtaaacg ttttgactgt 240
 ttaaagttta tggcgggtgaa gtgggcatct tcaaagacta gtacttacac agtttagaag 300
 atttcaaggt actgctgaca gtagtttatt atgtcagtat acatacgtgt agagatcata 360
 atttagttcc cttcttaatg ttacaatttc ttagtttact tttcctaaag ggccatagca 420
 taattcttga ttcctggtgg aaatcttttc tgagggtgtgg ggggtgggcaa ggtgtggatt 480
 gctgtttacg atagtgcctt cattagtttt agttctgtct gttttcattc attattgact 540
 caaagggtatt agaacaggcc cttatctttt tcctattaga tttatttttg ttttttactt 600
 tatgtaagtt cagaatcctt ttttaagtga tgactactga tgaaataatg ttactagtag 660
 ctgaatttta gacttgatgc tatgttgatt aatatn 696

<210> 3335
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(736)

<223> n = A,T,C or G

<400> 3335

gtncctaann	ngngtgnggg	cangctenta	tctctnaana	gaattggggt	ttgtcgaatt	60
ccgcncggag	acantctgan	cgtgctngag	cagctgatta	tcaagcccgg	ggtgcgccag	120
atccatctgt	ncnacggacn	ngcgcggntt	gaccgagcat	gaggctgcct	gaangangac	180
caggggctnt	ttgtncacan	ngtccaggn	cannaccgct	gnntnccttg	tggtgntgng	240
ctatggngnc	cagntnttgc	acattgacan	acttnactgc	actgggtggg	agctcgaca	300
ttngcccatt	tgtggtagaa	tcaaggcatc	acccgataag	attgncgtgg	tggaaacgtc	360
acagtcggac	cantngact	gtcaccatgc	canntgacag	catnnatact	ttctngcttn	420
tagatcacta	cggggaagat	actctctatn	gtcaanggga	mntatncttc	cgaaactgcc	480
tctnancnn	ccnctanncn	tntgaengat	accgtcanaa	nnatatctgn	ctgaaggncn	540
nataatctnt	ngcatatnnc	nganncgat	ggnancgntn	tancctnac	cntnatcccn	600
agtgcganct	tactatcnca	tnntnnaann	agtttgnttt	cncttctggg	anancacacc	660
catggacnac	tgcatecnca	gatgccttna	ttcactgnta	nccttggeet	gcactnnngn	720
gctttccctc	cttanc					736

<210> 3336

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (706)

<223> n = A,T,C or G

<400> 3336

nnncaatgct	ggctgctcgt	tctttccgca	ggancccan	gattcgaatt	cggcacgagg	60
aaatgtgtat	ttcagtgaca	atttcgtggt	cttttttagag	gtatatcca	aaatttcctt	120
gtatttttag	gttatgcaac	taataaaaa	taccttacat	taattaatta	cagttttcta	180
cacatggtaa	tacaggatat	gctactgatt	taggaagttt	ttaagttcat	ggtattctct	240
tgattccaac	aaagtgtgat	tttctcttgt	attacatttt	ttatttttca	aattggatga	300
taattttctg	gaaacatttt	ttatgtttta	gtaaacagta	tttttttgtt	gtttcaaact	360
gaagtttact	gagagatcca	tcaaattgaa	caatctgttg	taatttaaaa	ttttggccac	420
ttttttcaga	ttttacatca	ttcttgctga	acttcaactt	gaaattgttt	ttttttttct	480
ttttggatgt	gaaggtgaac	attcctgatt	tttgtctgat	gtgaaaaagc	cttggtattt	540
tacattttga	aaattcaaag	aagcttaata	taaaagtgtg	cattctactc	aggaaaaagc	600
atcttcttgt	atatgtctta	aatgtatttt	tgtcctcata	tacagaaagt	tcttaattga	660
ttttacagtc	tgtaatgctt	gatgttttaa	aataataaca	ttttng		706

<210> 3337

<211> 703

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (703)

<223> n = A,T,C or G

<400> 3337

caatggctgg	tngetngttc	tttttgacgg	atcccatcga	ttcgtgtgga	gaaccttctt	60
tttctatggg	aaatcacttc	tggagttggc	aagaatggag	aatggtgtgt	tgggaaacgc	120
cttggaaggt	gtgcatgtgg	aacatcattc	tcaccaccag	tctcttctct	gtgcctttct	180
tcttgacgtg	gagtggtgtg	aactcagtgc	attgggccaa	tggttcgaca	caggctctgc	240

cagccacaac	catcctgctg	cttctgacgg	tttggtgctg	ggtgggcttt	cccctcactg	300
tcattggagg	catctttggg	aagaacaacg	ccagccccctt	tgatgcaccc	tgtegcacca	360
agaacatcgc	ccgggagatt	ccacccccagc	cctgggtacaa	gtctactgtc	atccacatga	420
ctgttgagg	cttcctgcct	ttcagtgcca	tctctgtgga	gctgtactac	atctttgcca	480
cagtatgggg	tggggagcag	tacactttgt	acggcatcct	cttctttgtc	ttcgccatcc	540
tgctgagtg	gggggcttgc	atctccattg	cactcaccta	cttccagttg	tctggggagg	600
attaccgctg	gtgggtggcga	tctgtgctga	gtgttggtgc	caccggcctc	ttcatcttcc	660
tctactcagt	tttctattat	gcccggcgct	ccaacatgtc	tgg		703

<210> 3338

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3338

ctaagtctgg	cngcttggtc	tttttgacgg	atcccatcga	ttcggaatga	gagctgctat	60
ttgtgtttaa	aaagaccata	cagggccagc	cacagtggct	cacacctgta	atcccagcac	120
tttgggaggt	cnatgtgttt	ncacnnctnt	tnntnagnan	nantntgtca	tggaggctta	180
ntttgtggng	tntgatgnca	tactgntagg	ccaacatgtg	tccnaggnan	agnggnangn	240
tnangccatt	agcntgggtg	aaacttgccg	gatgttgatg	ctctantaag	anccgnatgt	300
gccatttntg	aactnttttag	tantgangga	gtcntgggtg	tcaanatgga	tntacanatg	360
cctanttacc	cgnnentgnc	taacnagant	ntgcccaccc	ttcatgtcat	gaaggnnntn	420
nantctttta	ttcccanngt	tnectnaaac	gaacantttg	cctgnacaca	ttttctactg	480
gnaccttaac	aatnagggtta	tcccgnatnt	tontgattac	ttttcttctg	cnnnngana	540
tngtgectnt	cacctactc	ctntatccnt	ccattnacct	nttaggccat	ncnccataaac	600
gnnttgcann	tntnancntc	cctnntnang	aattttctaa	atangnnntta	attctctnnc	660
ctnaenttnc	tcttcnnttc	cnngnattn	nnttnnnntt	cnctnttngn	tntcnccnct	720
anttcaannc	netcttaant	ttngcnnttc	ctcnnttcnn	t		761

<210> 3339

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 3339

nctaagtctg	ggctatcggt	ctttccgcag	nancccntcg	attcgagtgg	ctgagtggag	60
gcgcccagac	ctgggcagge	agcaggctca	ggcccacacc	ttgtgatttt	tgaaaccaaa	120
gccagaaga	tgatgtttac	ttctctctcc	ctggtctctg	ccttcttact	gcaaaccatg	180
ctgtgcctta	gggcccctct	catagctgtt	cctcatggcc	atgactggaa	cagggatgca	240
acctctttct	acacaagcac	agttagttgg	gtgaagtctt	tnntttgttt	gttttagacg	300
gagtttctact	cttggtgccc	aggetggagt	gaagtggcgt	gaccttggtc	cactgcaacc	360
tccaggccag	cctcagcctc	cctagtagct	gggactacag	gcacccacta	ccaagcctgg	420
ctaattcttt	gtatttttag	tagagatggg	gtttgacctg	gttagccagg	atggtctcga	480
tctcttgacc	tcgtgatcca	cccacctcgg	cctcccaaag	tgctgggatt	ataggtgtga	540
gccaccgcgc	cgggcgggtt	gctggcatct	taatgttctg	taggtggaat	atttccaata	600
aacacaaggt	gccgtaattg	aaaaaaaaana	aaaaaaaaaac	ttcgagcctc	tagaactata	660

gtgagtcgta ttacgtagat ccagacatga taagatacat tgatga

706

<210> 3340
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

<400> 3340

ctaattgctgg tngctngttc tttccgcagg atcccatcga ttccaattcg gcaacgagcg	60
acatcagaag atcattgagg agggcccccagc gcctgggtatt aaatctgaag taagaaaaaa	120
gctgggagaa gctgcagtc gagctgctaa agctgtaaat tatgttggag cagggactgt	180
ggagtttatt atggactcaa aacataattt ctgtttcatg gagatgaata caaggctgca	240
agtggaaacat cctgttactg agatgatcac aggaactgac ttggtggagt ggcagcttag	300
aattgcagca ggagagaaga ttccctttgag ccaggaagaa ataactctgc agggccatgc	360
cttcgaagct agaatatatg cagaagatcc tagcaataac ttcattgcctg tggcaggccc	420
attagtgcac ctctctactc ctcgagcaga cccctccacc aggattgaaa ctggagtacg	480
gcaaggagac gaagtttccg tgcattatga ccccatgatt gcgaagctgg tcgtgtgggc	540
agcagatcgc caggcggcat tgacaaaact gaggtacagc cttcgtcagt acaatattgt	600
tggactgccc accaacattg actttctact caacctgtct ggccaccag agtttgaagc	660
tgggaacgtg cacactgatt tcacccctca acaccacaaa cagttg	706

<210> 3341
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(709)
 <223> n = A,T,C or G

<400> 3341

nnctaattgct gggctgctng nntttntcg caggatccca tcgattcgaa ttccggcacga	60
ggtacgagag tctgttgaac aacaggctga tagtttcaaa gcaacacgtt ttaaccttga	120
aactgaatgg aagaataact atcctcgccct gcgggaactt gaccggaatg aactatttga	180
aaaagctaaa aatgaaatcc ttgatgaagt tatcagctcg agccagggtta caccaaaaca	240
ttgggaggaa atccttcaac aatctttgtg ggaaagagta tcaactcatg tgattgaaaa	300
catctacctt ccagctgcgc agaccatgaa ttcaggaact ttaaacacca cagtggatat	360
caagcttaaa cagtggactg ataaacaact tcctaataaa gcagtagagg ttgcttggga	420
gaccctacaa gaagaatttt cccgctttat gacagaaccg aaagggaag agcatgatga	480
catatttggat aaacttaag aggcggttaa ggaagaaagt attaaacgac acaagtggaa	540
tgactttgctg gaggacagct tgagggttat tcaacacaat gctttggaag accgatccat	600
atctgataaa cagcaatggg atgcagctat ttattttatg gaagaggctc tgcaggctcg	660
tctcaaggat actgaaaatg caattgaaaa catggtgggt ccagactgc	709

<210> 3342
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 3342

gtcctanagt	gtgggtctcgn	cnnnccgnan	gagntnnggcg	ggngcgaatt	cggcaccgagc	60
agaacttcac	agcagcctgt	cctcatcagc	aaaccaacca	ccttcacag	caacccaacc	120
accttcacat	gcaacccaac	cacctcgta	gcaacccaac	cacctcgta	gcaacccagc	180
caccttcac	agcaaccca	ccacctc	agcaacccag	ccaccttc	cagcaaccca	240
accacctcat	cagcaaacca	accactttca	tctgcaaccc	aaccactttc	atcagcaact	300
caacaccttc	atctgcaacc	caaccacctt	catcagcaaa	ccaaccacct	tcttcagcaa	360
cccaaccacc	tcattcttga	gaaggagaag	gaactgcaag	ccaccaagtc	ttcatttttc	420
aggggttgta	atcttcccaa	agttttcctt	tgaaaatagg	ataatgggtg	gaattttcag	480
agtgattaca	tacctcaaca	tttttattaa	catacaacaa	tgaggaaagt	catcatccat	540
atactgcagt	cacttaacaa	acagccaatt	attgcaagat	tagaattgga	gatcttgctc	600
tcaaaagtat	aaatngtcct	ttgagttata	gaaaataatg	gaattgggat	ttctacatat	660
cattattata	cctatttttaa	atttaattggg	cagccaggca	tggttccagc	tacnt	715

<210> 3343
 <211> 708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(708)
 <223> n = A,T,C or G

<400> 3343

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gcctccttcc	acacgagtg	ccctttggcc	aaagaagatt	attatcagat	attaggagtg	120
cctcgaaatg	ccagccagaa	agagatcaag	aaagcctatt	atcagctgct	ctgctcagtt	180
agtttttatt	cccgggtac	caagcagctg	cacagtcggt	gcctgggagg	cacgtagagg	240
cccctggctc	aggcagagg	agatgggttag	actcttgca	ggctaaaact	ctaatttga	300
attgaatatt	gtggatatct	tagttaaagg	ccatgcttac	agcttagaaa	tgaagcctta	360
agctgcacat	tcatactgcc	ctgtgtgggc	tgcaggggag	caggacaagc	caagcagaaa	420
aagcgagtga	tgatccctgt	gcctgcagga	gtcgaggatg	gccagaccgt	gaggatgcct	480
gtgggaaaaa	gggaaatttt	cattacgttc	aggggtgcga	aaagccctgt	gttccggagg	540
gacggcgag	acatccactc	cgacctcttt	atttctatag	ctcaggctct	tcttggggga	600
acagccagag	cccagggcct	gtacgagacg	atcaacgtga	cgatccccc	tgggactcag	660
acagaccaga	agattcggat	gggtgggaaa	ggcatcccc	ggattaac		708

<210> 3344
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 3344

gtnnctaata	ctgggctctc	gtncctttctc	gcagtanccc	ntcgattcga	attcggcagc	60
aggagacagc	agccccagg	gaatgaagct	gatgccagag	tcagacccga	ggaggaagag	120
gagccactga	tggagatgcg	gtccgggat	gcgcctcagc	acttctatgc	agcactgctg	180

cagctggggc	tcaagtaact	ctttatcctt	ggtattcaga	ttctggcctg	tgccttggca	240
gcctccatcc	ttcgcaggca	tctcatggtc	tggaaagtgt	ttgcccctaa	gttcataatt	300
gaggetgtgg	gcttcattgt	gagcagcgtg	ggacttctcc	tgggcatagc	tttggatgat	360
agagtggatg	gtgctgtgag	ctcctgggtc	aggcagctat	ttctggccca	gcagaggtag	420
cctagtctgt	gattactggc	acttggctac	agagagtgtc	ggagaacagt	gtagcctggc	480
ctgtacaggt	actggatgat	ctgcaagaca	ggctcagcca	tactcttact	atcatgcagc	540
cagggggccg	tgacatctag	gacttcatta	ttctataatt	caggaccaca	gtggagtatg	600
atccctaact	cctgatttgg	atgcatctga	gggacaaggg	gggcggtctc	cgaagtggaa	660
taaaataggg	cgggcgtggg	gactttgcac	ctataatccc	agcactttgg	gan	713

<210> 3345

<211> 710

<212> DNA

<213> Homo sapiens

<400> 3345

ctaagtctgg	gctgcttgtt	ctttttgcag	gatcccatcg	attcggaaaa	gttaaaaaag	60
acattgagtg	atgtaatcca	ccctgggggc	aatagccata	ttgccaatgg	tgcggccggg	120
tgtgtggcaa	cattacttca	tgatgcagcc	atgaaccctg	cggaaagtgg	caagcagagg	180
atgcagatgt	acaactcacc	ataccaccgg	gtgacagact	gtgtacgggc	agtgtggcaa	240
aatgaagggg	ccggggcctt	ttaccgcagc	tacaccacc	agctgacctt	gaacgttctt	300
ttccaagcca	ttcacttcat	gacctatgaa	ttcctgcagg	agcactttaa	ccccagaga	360
cgggtacaacc	caagctccca	cgctctctct	ggagcttgcg	caggagctgt	agctgccgca	420
gccacaacc	cactggacgt	ttgcaaaaca	ctgctcaaca	cccaggagtc	cttggctttg	480
aactcacaca	ttacaggaca	tatcacaggc	atggctagtgt	ccttcaggac	ggtatatcaa	540
gtaggtgggg	tgaccgccta	tttccgaggg	gtgcaggcca	gagtaattta	ccagatcccc	600
tccacagcca	tcgcatggtc	tgtgtatgag	ttcttcaaat	acctaatcac	taaaaggcaa	660
gaagagtggg	gggctggcaa	gtgaagtagc	actgaacgaa	gccaggggtt		710

<210> 3346

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 3346

gtncataatng	ngngctcncg	gcnngtccgc	aacagcccng	cggntcgaat	tcggcacgag	60
gcctttttgtg	gggtctcata	cataactcag	tttccacaaa	gctgtgcccc	agctcagccc	120
tatggataga	agcatgggtc	ggggttcctt	tgctgaccag	gggtgtgtgt	ttgtccaagt	180
tactgacctt	cccaaaccct	atcaatgcac	ataaaaagag	cacttgcaaa	caatgaatct	240
agacatgggac	cttcacaaaag	aaataactca	aaatggatcc	caggcctaaa	tgaaaaatga	300
aaaactataa	aactcctaga	agataacata	aaagaagatc	tagatgacct	agggtttggc	360
aatgactttt	tagatccagc	accaaaggca	ggatccagga	aagaaataat	tgataagctg	420
gacttcatta	aaacgaaaac	ttctgctctg	tgaaagatgc	tgccaaaaaa	tgaaaagaca	480
agccacagac	tgggagaaaa	tattttttgat	ggaaatatct	gagaagagag	gcttgtttatc	540
caaaatatac	aaagaatttc	taaaactcaa	taatttgaaa	ataaacaacc	caatttataaa	600
agtgggccc	agatcttaaa	tgacgcctca	caaagaaga	tacacagatg	gcaataaagc	660
atatgaaaag	atgctccccg	ctgggacagg	tggctcacgc	ccgtaatccc	gc	712

<210> 3347

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 3347

nctaagtctg	ggcncttggt	cttttngcag	gatcccatcg	attcgaattc	ggcacgaggt	60
ctagtataat	cttgatgctc	aaaccagata	aggacaatac	aagaaaggaa	gagtataggc	120
taattctacc	caataactaa	atgaagtatt	agcaaaccag	attcatcaat	aatcttttaa	180
aaatcaagaa	ttaattggat	ttaggaatat	aacactgtgt	ataacaagtt	taagagaaat	240
atatgagaat	gataagactg	caattgaaa	tagaggcttt	ctctggaggg	aaaggtgagg	300
aggatgtgat	ttggaagaac	agcatgggga	ggcatcagtt	gtattgtaat	gtttattttt	360
taagctgaat	gataggtaac	tagatgttca	ttgtgttctt	tttgcccttt	tgtatatctt	420
aaatatatgg	tagtgccatg	attagcaggc	ttaatagcct	tgtgagttta	aatgtcactt	480
tcaaatgctg	tatttttggg	ggagttgctt	aaacacattc	cccttggaat	ctatacaacc	540
agttaaaaaa	atcatgtata	aaccaccatg	aaatataatg	aaatgtactg	tatatgcatt	600
ttcatgaatg	ttgtgtcaaa	gggctttag	gaaaaaaga	tcgttaactc	ttttgcattc	660
agtgaaaata	ggtggctttg	gaaatagttt	cagccttgct	aacac		705

<210> 3348

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3348

ctaagtctgg	cngcttggtc	tttttgcagg	atcccatcga	ttcggaatga	gagctgctat	60
ttgtgtttta	aaagaccata	cagggccagc	cacagtggct	cacacctgta	atcccagcac	120
tttgggaggt	cnatgtgttt	ncacnctnt	tnntnagnan	nantntgtca	tggaggctta	180
ntttgtggng	tntgatgnca	tactgntagg	ccaacatgtg	tccnaggnan	agnggnangn	240
tnangccatt	agentgggtgn	aaacttgccg	gatgttgatg	ctctantaag	anccgnatgt	300
gccattttntg	aactnttttag	tantgangga	gtcntgggtgn	tcaanatgga	tnacanatg	360
cctantttacc	cgnncntgnc	taacnagant	ntgcccaccc	ttcatgtcat	gaaggnnntn	420
nantcttttta	ttcccanngt	tnccnaaac	gaacantttg	cctgnacaca	ttttctactg	480
gnaccttacn	aatnagggtta	tcccgnatnt	tcntgattac	ttttcttctg	cnnncngana	540
tngtgectnt	cacctactc	ctntatecnt	ccattnacct	nttaggccat	ncnccataaac	600
gnnntgcann	tntnanentc	cctnntnang	aattttctaa	atangnnntta	attctctnnc	660
ctnacnttnc	tcttcnnttc	cnnngnattn	ntttnnnttt	cncntttngn	tnctnccnct	720
antccaancn	netcttaant	ttngcnnttc	ctcnnttcnn	t		761

<210> 3349

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3349

atacagctct	tggtcttttt	gcaggatccc	atcgattcga	attcggcacg	aggactgttc	60
atcctaagtt	ccactataaa	caggctcatg	actcgggcac	agacacttct	tgctgactt	120
tttccatga	tggtaatgtc	cttgccctctc	gtggagggtga	cgattcatta	aaattatggg	180
acatccgaca	atttaataaa	ccactttttt	cagcctcggg	tcttnccacc	atgttcccaa	240
tgactgactg	ctgtttcagt	ccagatgata	agctcattca	ctggtacatc	tattcaaaga	300
ggatgtggca	gcggcaaact	tgttttcttt	gagcgttaga	ctttccaaag	gggtgatgaa	360
atagacatca	cagatgcgag	tggtgntcgc	tgctgtggc	atccaaagct	gaaccanac	420
atggttgga	ctggaaatgg	attggctaaa	gtctattacg	acccacaag	agtcagaggg	480
gagcaaaatt	atgtgtggtt	aaaaccacgc	ggaaggcaaa	acaagctgag	actctaactc	540
aggactacat	catcacccct	catgccttgc	ctatgttncg	ngagccccgc	caacggagta	600
caaggnaaca	gctggagaan	gacagactgg	atccctgaa	gtcgcataaa	cctgaacctn	660
ctgtaccaag	gcccaggtcg	tggtggccga	ntttggaacc	cacnggggca	cttttttttt	720
ctatatgtgg	aanaacattg	ttttggacaa	aancgatgac	agtaattctt	cgggaagcn	779

<210> 3350

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3350

atgcggncaa	tgctggctac	tcgttctttc	cgcaggancc	cntcgattcg	ctcacctgga	60
ataatgagat	cttacctaac	tgggaaacaa	tgtggtgctc	tagaaaagtt	cgagatttat	120
ggtggcaggg	aatccctcca	agtgtgagag	gcaaagtctg	gagcttagcc	attggcaacg	180
agttaaatat	caccacagag	ctctttgaca	tctgtcttgc	ccgagccaag	gagaggtggc	240
ggtcccttag	cacaggaggc	tctgaagtgg	agaacgaaga	tgctggtttt	tcagcagcag	300
acagagaagc	cagtctggag	cttattaaac	tggacatttc	tagaacattt	cctaattctct	360
gcattttcca	gcaagggtgt	ccatatcatg	acatgttgca	cagtattttg	ggcgcttata	420
cttgttaccg	gccagatgtg	ggttatgtcc	agggcatgtc	cttcatagca	gcagtgttga	480
tcttgaactt	agatactgca	gatgccttta	ttgccttttc	taaccttctg	aataaacctc	540
gtcaaagtgc	gtttttttaga	gtggaccatg	gccttatgtt	gacttatttt	gctgctcctc	600
cagaggtctg	cacactccac	ttcacatgcc	gttgactctc	acagtctaag	acttcagggc	660
cgggaccttt	gtccagcctg	cacagtagag	tgaggctgcc	tctc		704

<210> 3351

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 3351

annnnngnnn	nnnnnnnnnn	annagnnnnn	nagnngttga	ntttgaaacc	tttagccctt	60
ttgcagancc	caccgnntcn	gnagatgatg	tggatanact	tggatactcc	cttgagtggg	120
anatannngt	gttcagactg	nncaagtnta	ntccanaga	ctttgaagtc	tgctaccacg	180
aggagcctct	cagggactgg	ccggagatct	ccctgctgac	cgagaacgac	cgccactacc	240
acattccagt	cntttaannc	cgctgggggc	cnaacagcag	ngctcaccag	tgacggtggg	300
cacagttgcn	ataaagtngt	ctctgaaacc	aaagctagca	tttcacnatg	gaaggaatta	360

ngacctattc	ttcaggatta	caggtacact	ggntgcaagc	catgcatgga	tggnttttct	420
taatnntnca	gtngatttgc	tctnaannca	nctgcanatg	aaaacanttg	gcgagtnggg	480
ngncnggact	ttgacccata	nagggggcgt	nggccacttc	acatgatggg	cgggggctat	540
tgggaccaca	aatnaaaaggc	cngcntggac	ancaaacntg	ggaaaaaann	naagaangaa	600
aaaccacnnt	aaagngaaaa	nacangcntg	accttgggag	aggaaaaaaa	aaccaagttt	660
taaccggttn	atggttcatt	cattnaaaaa	aacctnnanc	ntcggacttg	tattttggag	720
gggattttaan	taccnaaana	atngggncct	tattttttnan	aataaagcnn	anaacctttt	780
accnaaagaa	ancccnannt	ttgggaatan	tggcnatntc	taaangggan	cccatnnggg	840
attnaacntt	gtnaaaaaatt	aactaanact	ttcgggggaa	aagttgncna	aatngaaggt	900
ggntcanaaaa	naaaaaaaga	anng				924

<210> 3352

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (924)

<223> n = A,T,C or G

<400> 3352

annnnnggnnn	nnnnnnnnnn	annagnnnnn	nagnngttga	ntttgaaacc	tttagccctt	60
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anatannggt	gttcagactg	nncaagtnta	nctccanaga	ctttgaaagtc	tgctacccag	180
aggagcctct	cagggactgg	cgggagatct	ccctgctgac	cgagaacgac	cgccactacc	240
acattccagt	cntttaannc	cgctgggggc	cnaacagcag	ngctcaccag	tgacggtggt	300
cacagttgcn	ataaagtngt	ctctgaaacc	aaagctagca	tttcacnatg	gaaggaatta	360
ngacctattc	ttcaggatta	caggtacact	ggntgcaagc	catgcatgga	tggnttttct	420
taatnntnca	gtngatttgc	tctnaannca	nctgcanatg	aaaacanttg	gcgagtnggg	480
ngncnggact	ttgacccata	nagggggcgt	nggccacttc	acatgatggg	cgggggctat	540
tgggaccaca	aatnaaaaggc	cngcntggac	ancaaacntg	ggaaaaaann	naagaangaa	600
aaaccacnnt	aaagngaaaa	nacangcntg	accttgggag	aggaaaaaaa	aaccaagttt	660
taaccggttn	atggttcatt	cattnaaaaa	aacctnnanc	ntcggacttg	tattttggag	720
gggattttaan	taccnaaana	atngggncct	tattttttnan	aataaagcnn	anaacctttt	780
accnaaagaa	ancccnannt	ttgggaatan	tggcnatntc	taaangggan	cccatnnggg	840
attnaacntt	gtnaaaaaatt	aactaanact	ttcgggggaa	aagttgncna	aatngaaggt	900
ggntcanaaaa	naaaaaaaga	anng				924

<210> 3353

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 3353

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ccggacggaa	agcttagata	tgccaacaac	agcaattaca	aaaatgatgt	gatgatcaga	180
aaagaggctt	atgtgcacaa	gagtgtaatg	gaagaactga	agagaattat	tgatgacagt	240
gaaattacaa	aagaagatga	tgttttgtgg	cctccctga	tagggttggc	cgacaggagc	300
ttgaaattgt	aattggagat	gagcacatat	cttttaccac	atcaaaaata	ggttctctta	360

ttgatgtaaa	tcagtcaaag	gatcctgaag	gccttcgagt	atctttactat	ttggtacaag	420
acttgaaatg	tttagttttc	agtcttattg	gattacactt	caagattaaa	ccaattttaa	480
ttgtatgttt	tcaggctgtt	tgtatatatta	attaagggat	ggganggggt	atttgtcatt	540
tacagtattg	gggtttttat	gaatgtgaag	caaacaaaaa	aaatttgat	gtaaactgga	600
aataagaaaa	tacattagca	agccttaatg	ggtatcetta	ctttgagtc	acatgggggt	660
ggacagtccc	cacaccccat	taaattcttg	taaatgaaag	ccccctttt	gttaaaaaat	720
ttgctcta	aaaaacatac	caaatcctgg	nnnanaaann	nnnnnnnnnn	nnnnnnnnnn	780
nnnct						785

<210> 3354

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 3354

ttacatcanc	tcttgttctt	tttgcaggat	ccctcgattc	gggctagcga	tttctacctg	60
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ccggacggaa	agcttagata	tgccaacaac	agcaattaca	aaaatgatgt	gatgatcaga	180
aaagaggctt	atgtgcacaa	gagtgtaatg	gaagaactga	agagaattat	tgatgacagt	240
gaaattacaa	aagaagatga	tgctttgtgg	cctccctga	taggggtggc	cgacaggagc	300
ttgaaattgt	aattggagat	gagcacatat	ctttaccac	atcaaaaata	ggttctctta	360
ttgatgtaaa	tcagtcaaag	gatcctgaag	gccttcgagt	atctttactat	ttggtacaag	420
acttgaaatg	tttagttttc	agtcttattg	gattacactt	caagattaaa	ccaattttaa	480
ttgtatgttt	tcaggctgtt	tgtatatatta	attaagggat	ggganggggt	atttgtcatt	540
tacagtattg	gggtttttat	gaatgtgaag	caaacaaaaa	aaatttgat	gtaaactgga	600
aataagaaaa	tacattagca	agccttaatg	ggtatcetta	ctttgagtc	acatgggggt	660
ggacagtccc	cacaccccat	taaattcttg	taaatgaaag	ccccctttt	gttaaaaaat	720
ttgctcta	aaaaacatac	caaatcctgg	nnnanaaann	nnnnnnnnnn	nnnnnnnnnn	780
nnnct						785

<210> 3355

<211> 686

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (686)

<223> n = A,T,C or G

<400> 3355

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gagctagtgt	ttggcccaa	aaaggaactg	ctgntttggn	ataanctgtn	ngccanngga	180
nancgagatt	atagtacacg	gcntgcagcc	tgtnacaggtg	ctagttggca	acaaatgggt	240
atncaataaa	tggctccatg	aacgtggaca	agaatnnnca	agacctgtt	cttntcagaa	300
ttggaatgac	aaacnggctt	ccctttttct	cctatngntg	gtactcttat	gtgtctgata	360
tacacatttc	ctngtcttaa	cnttnaggga	gttacaattg	actaaacact	tcattgattg	420
nttcacncca	tganccctna	tcccanggtt	tcatttggtg	acaattgctt	acttttgngg	480
ggtcttttaa	aaaggnacnc	gaaatcttca	ttattgccgt	aaaaacctta	aagatctggt	540
ggnantcaca	agaagacaaa	nggccgaaat	tttaaagggg	agggaatttt	tntatttttna	600

aagaaccttt ttnggttgga nnaaaaaacat aatttgagcn ttcnnctttt nagaattccc 660
ctaacatctc aggttgggtg gggngg 686

<210> 3356
<211> 790
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(790)
<223> n = A,T,C or G

<400> 3356
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acaagcagat gctaataaaa gaatctgcat ctttgnttgt tattccatgt taaagggntg 180
aaataaaggt aanagaatat ttgtactgtt gttatccaaa tccatctcct gttctactct 240
ctattcaaaa taatcgtaca gtgactaaca gagctttcag accaacagta tttttatttt 300
tcattttaag ttcagggtac caacatttct tcccatggat gttgatggac gtgtcatcag 360
agctgactct ttttcaaaaa tcatttcctc tgggttgaga ataggatttt taactgggtcc 420
aaaaccctta atagagagag ttattttaca catacaagtt tcaacattgc accccagcac 480
ttttaaccag ctcatgatat cacagcttct acacgaatgg ggagaanaag gtttcatggc 540
tcatgtagac agggttattg atttctatag taaccagaa ggatgcaata ctggcagctg 600
cagacaagtg gntaaactgg ttggcagaat ggcagtctct gctgctggaa tgtttttatg 660
gattaaagtt aaaggcttaa tgatgtaaaa agaactgatt gaagaaaagg ccgttaaaat 720
gggggtatta aagctccttg aaatgtttct cgtcgatagc tcacttctan cccttacttg 780
agagcttctt 790

<210> 3357
<211> 686
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(686)
<223> n = A,T,C or G

<400> 3357
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acngtggctg atntatatga gtgatgtgtc tgcaggagga gccctgcttt tgctgaattg 120
gagctagtgt ttggcccaaa aaaggaactg ctgntttggn ataantctgn ngccannnga 180
nancgagatt atagtacacg gcntgcagcc tgtncagggt ctagttggca acaaatgggt 240
atncaataaaa tggctccatg aacgtggaca agaattnnca agacctgtt ctnttcagaa 300
ttggaatgac aaacnggctt ccctttttct cctatngntg gtactcttat gtgtctgata 360
tacacatttc ctngtcttaa cnttnaggga gttacaattg actaaacact tcatgattgg 420
nttcacncca tgancctna tcccanggtt tcatttgtgg acaattgctt acttttgnng 480
ggtcttttaa aaaggnacnc gaaatcttca ttattgcoct aaaaacctta aagatctgtt 540
ggnantcaca agaagacaaa nggcccgaat tttaaagggg aggggaatttt tntattttna 600
aagaaccttt ttnggttgga nnaaaaaacat aatttgagcn ttcnnctttt nagaattccc 660
ctaacatctc aggttgggtg gggngg 686

<210> 3358
<211> 705
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (705)

<223> n = A,T,C or G

<400> 3358

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gaagctgaga	cttctgcttc	cacacccct	gcaagtgcct	tcttgaaggc	ctgggtgtat	120
cggccaggag	aggacacgga	ggaggaggaa	gatgaggatg	tggatagtga	ggataaggaa	180
gatgattcag	aagcagcctt	gggagaagct	gagtcagacc	cacatccctc	ccacccggac	240
cagagggccc	acttcagggg	ctggggatat	cgacctggaa	agagacagag	gaagaggaag	300
ctgctgagga	ctggggagaa	gctgagccct	gccccctccg	agtggccatc	tatgtacctg	360
gagagaagcc	accgcctccc	tgggctcctc	ctagctgccc	tccgactgca	aaggcggctc	420
aagcgcctag	aaacccctac	tcatgatccg	gaccttgaga	ctccccctaaa	ggccagaaaag	480
gtgcgcttct	cagagaaggt	cactgtccat	ttcctggctg	tctgggcagg	gcccggccang	540
ccgcgcang	gcccctgggag	cagcttgctg	gacgcagcc	gttccacgcg	atacccaagc	600
ccagagactg	accctgctac	ctntgcccgc	aagctgcccc	tagaccactt	accctctgct	660
accaactgct	ctcttgctnn	ccagcaacac	cttngcantg	gnac		705

<210> 3359

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (835)

<223> n = A,T,C or G

<400> 3359

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ggattgattc	agggagaaat	ttgcactgat	ggctcagaag	cttacgtcat	ggagagtatg	120
acctacctca	cagcagggat	gctggaccaa	cctggctttc	ccgactgctc	catcgaggca	180
gccatggtga	aggtgttcag	ctccgagccg	cctggcagtg	tgtgagttag	gcgctgcaga	240
tcctcggggg	cttgggctac	acaagggact	atccgtacga	gcgcatactg	cgtacacccg	300
catcctcctc	atcttcgagg	gaaccaatga	gattctccgg	atgtacatcg	ccctgacggg	360
tctgcagcat	gcccggccgca	tcttgactac	caggatccat	gagcttaaac	aggccaaagt	420
gagcacagtc	atggataccg	ttggccggag	gcttcggggac	tccctggggc	gaactgtgga	480
cctggggctg	acaggcaacc	atggagttgt	gcaccccgat	cttgccggaca	gtgccaacaa	540
gtttgaggag	aacacctact	gcttcggccg	gacccgtgga	gacacttntt	gttccgcttt	600
ggcaagaaca	tcatgganga	acaacttggt	acttgaaagc	gggtgggcaa	cattcctnat	660
tnaaccttgt	attggcatga	cnggcctgct	ttgtccgcng	ggccaanccg	cttccattcc	720
gcatttgggc	ttncgnaaan	ccaccgaacc	acgangntt	ttntttgggn	ccaacaaccn	780
ttntggggtn	gggaaacctt	aactttgcaa	gaaaattttt	ttnaancctt	ntttt	835

<210> 3360

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 3360

tnnnnnnttt	aaatccatta	gctacttggt	ctttttgcag	gatcccatcg	attcgtgcgg	60
gagcaccgga	gcctgcggct	ccagacggac	gcccgcgaagg	tgaggtgcat	cctgacaggt	120
cacgagctgc	cctgccgcct	gccggagctc	caggtctaca	cccgcggcaa	aaagtaccag	180
cggtgggtcc	gcgcctcccc	ggccttcgac	tatgcagagt	tcgagccgca	catcgtgccc	240
agcaccaana	accctgtangt	ggtcnccggc	ggcgcgggga	ggcccagggc	aatnngacag	300
ncctctcgnt	tgactccgcc	agtgtctgcag	ncctactct	ttcanagttg	ggagccctgg	360
gaccagggca	ccaattgttc	ttgcaaaactc	accctgcggc	acatcaacaa	gtgcccanaa	420
cacgtgctga	ngcacacca	aggccggcgg	taccagcgag	cttttgtgta	aatatgaaga	480
atgtctnaag	caaggggtgg	agtacatgcc	tgctgcctgg	tgaccccgan	gangaagang	540
gaaggacaaa	tggacngtga	acggccttcg	cccgcgggaa	agcttctggg	agccacatt	600
caatgatgaa	gggggagctg	caagtgtatga	cagcatgaca	gacctgtnc	cctgactttt	660
caccagaagg	accttgaaca	cngaggatgg	ggatggactg	atgatttttg	acaacaaaga	720
ggttgaaagg	caaancccca	aaaaaaaggc	cttgtgaagg	cagganaaan	acaacctntc	780

<210> 3361

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3361

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cacgagctgc	cctgccgcct	gccggagctc	caggtctaca	cccgcggcaa	aaagtaccag	180
cggtgggtcc	gcgcctcccc	ggccttcgac	tatgcagagt	tcgagccgca	catcgtgccc	240
agcaccaana	accctgtangt	ggtcnccggc	ggcgcgggga	ggcccagggc	aatnngacag	300
ncctctcgnt	tgactccgcc	agtgtctgcag	ncctactct	ttcanagttg	ggagccctgg	360
gaccagggca	ccaattgttc	ttgcaaaactc	accctgcggc	acatcaacaa	gtgcccanaa	420
cacgtgctga	ngcacacca	aggccggcgg	taccagcgag	cttttgtgta	aatatgaaga	480
atgtctnaag	caaggggtgg	agtacatgcc	tgctgcctgg	tgaccccgan	gangaagang	540
gaaggacaaa	tggacngtga	acggccttcg	cccgcgggaa	agcttctggg	agccacatt	600
caatgatgaa	gggggagctg	caagtgtatga	cagcatgaca	gacctgtnc	cctgactttt	660
caccagaagg	accttgaaca	cngaggatgg	ggatggactg	atgatttttg	acaacaaaga	720
ggttgaaagg	caaancccca	aaaaaaaggc	cttgtgaagg	cagganaaan	acaacctntc	780

<210> 3362

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3362

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cacgagctgc	cctgccgcct	gccggagctc	caggtctaca	cccgcggcaa	aaagtaccag	180
cggtgggtcc	gcgcctcccc	ggccttcgac	tatgcagagt	tcgagccgca	catcgtgccc	240
agcaccaana	accctgtangt	ggtcnccggc	ggcgcgggga	ggcccagggc	aatnngacag	300

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nccctccgnt tgactccgcc agtgctgcag nccctactct tteanagttg ggagccctgg      360
gacccaggca ccaattgttc ttgcaaactc accctgcggc acatcaacaa gtgcccanaa      420
cacgtgctga ngcacacca aggccggcgg taccagcgag cttttgtgta aatatgaaga      480
atgtctnaag caaggggtgg agtacatgcc tgctgcctgg tgcacccgan gangaagang      540
gaaggacaaa tggacngtga acggccttcg cccgcgggaa agcttctggg agcccacatt      600
caatgatgaa ggggggagctg caagtgatga cagcatgaca gacctgtnc cctgactttt      660
caccagaagg accttgaaca cngaggatgg ggatggactg atgatttttg acaacaaaga      720
ggttgaaagg caaancccca aaaaaaaggc cttgtgaagg cagganaaan acaacctntc      780

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<210> 3363
<211> 917
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(917)
<223> n = A,T,C or G

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<400> 3363
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tccttaccct ggtccgggtg gaggagggtg gggtagcgga agcagcttcc ggggaacccc      180
gggcgggggg ggaccacggc cgccctcccc tcgagacggg tacgggagtc cgcaccacac      240
gccgcgtac gggccccggg ctaggcctga cgggagcagt cactctccgc gacacggcgg      300
cagcttcccg gggggccggg tcgggtctcc gtcccttggc ggctaccctg gctcctactc      360
caggctcccc gcgggggtccc agcagcaatt cggctactcc ccaaggcagg annanaanca      420
nccncanggt tntncaagga catntacacc atttgatca nggcgtntta naaaaaaaan      480
aatgttaatg anttgaaaaa ntatttnaaa gcctttnaat gnttnnnnna atccttnggg      540
nttggcctta naaanccaan attntngtng gngggntntt aannccnnnc aantnccnnn      600
nnattncttt naaaaacnttt nnnccanggn cnnaaaaaaa nggggnaann aaaaaacttt      660
tttnnttnaa nnantttttt tggaaaattt naaancntng gaaaancntt tnnntngttn      720
ntnangggaa annantnttt tgggnncnaa aaaacntttt naannntnn nggttnnnan      780
nnnttaaaaa nttnnnccc ccaannnnnt nnanngnanc ttttnnantt ngggantaaa      840
nttnnnnnna nggggnnttt ttnngnnna atttnnnnnn annnnnnnan nnangggnt      900
ttngnnngna annntnn

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<210> 3364
<211> 778
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(778)
<223> n = A,T,C or G

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<400> 3364
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agatcagagg aggtcttctt atccttcaac tccatgatga actcctatat gaagtggcag      120
aagaagatgt tgttcaggta gctcagattg tcaagaatga aatggaaagt gctgtaaaac      180
tgtctgtgaa attgaaagtg aaagtgaata taggcgccag ctggggagag cttaaaggact      240
ttgatgtgta actgtgctgt tgatgaagtc ctcccaggga agcctgtgca gatgcagtca      300
cctggaaaga acagagatta ccctttcacc tacctcagca aaacaaactt tcaagtcttg      360
atagacttag cctagtaatt ttatagttag agtttcaaac tatatatcag tgtctatagc      420
atcaaaaact tctggggggc tgggggaagt agaatacaca gtataatagt tacattcact      480

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ttcaaagagc	atctatgaat	ttgccttttg	tacttactgt	ggcttttaaac	atatttcagaa	540
cagatgcttg	aaatatgcac	ttagcacttt	ggttnccacat	ctgtctgggt	aaaccatgaa	600
gaaaatgaac	tgctgcctca	atcgacccag	acagcaccat	aggcagataa	agaattggnt	660
tcaccctggg	gggtggtagg	atcgcggtg	actttttttt	ctctatatca	attttcagta	720
cgggaatagt	atttttaaat	agattgggctn	ataaatttat	aatctttaag	tagtagan	778

<210> 3365

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3365

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tccctcgatt	cgaattcggc	acgaggggcg	aaaaagatga	ccgaaattca	aactcctgaa	120
aatactcttc	gtttatttga	tttagtaaaa	gtnaaagatg	agaaaattcg	ccaagctttt	180
tattttgctt	tacgagatac	cttagtagct	gacaacttgg	atcaagccac	aagagtagca	240
tatcaaaaag	atagaagatg	gagagtggta	actttacagg	gacaaatcat	agaacagtca	300
ggacaatgac	tggtggtgga	agcaaagtaa	tgaaagggaag	aatgggttcc	tcacttggtta	360
ttgaaatctc	tgaagaagag	gtaaacaaaa	tggaatcaca	gttgcaaaaac	gactctaaaa	420
aagcaatgca	aatccaagaa	cagaaagtac	aacttgaaga	aagagtagtt	aagttacggc	480
atagtgaacg	agaaatgagg	aacacactta	gaaaaattta	ctgcaagcat	ccagcgttta	540
atanagcang	aagaatattt	gaatgtccaa	gttaagggaac	ttgaagctaa	tgtacttgct	600
acagccctcg	acaaaaaaag	cagaaattgc	tagaagaaaac	gttgtgcttc	aaacaaatat	660
gatgctgtgg	ctgagaagct	gtaaaagtaaa	actgagttaa	ccttcccata	catcgtgaat	720
atatctactc	aggcacagca	cttgtaataa	tacataatat	gnnttg		765

<210> 3366

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 3366

ncttnaagcc	cttttaaaanc	cgttcgaccc	atcgatccna	ntcaggancc	aancnanatc	60
naatctgnac	gaaggaaacc	ccncnttga	gcnnaaactn	nncncttnct	ggggcaanag	120
ggtggactgg	gnnnnangng	nanagagaga	acgcangggc	annaaggana	gaaaaccntt	180
cagcanctca	atnaactgcg	ggccaagana	tctacccgct	tcccttctcn	cacaagnacc	240
attggccttn	nnatcngaag	catttgacaa	aaacttgctt	gtttgggcct	gtcacctcct	300
gaaaggctgn	tttagntgtg	gatgncctng	attaagggag	agagcaccta	ggagctgcct	360
gccccagctg	gggtgacggc	tgtagggctg	ggtctatggt	gcaagcccta	tatcctagcn	420
tgcagnggaa	agtgccttagc	tntgtncctg	ctgacctctg	ggcagncant	catcaaanca	480
nanagacgtg	gcngcntgtg	ggcagcatgc	ccaantnctt	tgcttgactn	agcactnatt	540
tctggtagnn	tnaaaaaaga	attnaangtt	tnttgggnnn	nttttttttg	ggggngttga	600
gggggtggg	aaaaacatgg	ggggtagnnt	ttgagttggt	anaaaatgtg	tntgaatcaa	660
nntntntnt	nnaaacacga	tttgcccttt	taccatttat	aaagatgggn	cttatnacc	720
acngnactgg	ataaaccttt	ngggtttttt	ttggtntgga	nttgggttct	tnaaaaaatt	780
taccaaatc	atgccctnng	ggntccn				807

<210> 3367
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 3367

gnnnnnttttn	nnnnntntaaa	cccttnagct	actcgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgaggctgc	cacagggggg	caatctttat	ttgtcttact	tcctacccct	120
tccctgttct	gcctctttta	ctcagttaag	ttgttctgtt	tgggacctgg	aaaagaaccc	180
aaagaaaacc	tgagtggaca	ggttcatttc	tggaatgcag	aaaacatttt	aaaggctaga	240
tttttagaat	attctcaact	agcattcttt	ccattgattt	gaaggggaat	taactattat	300
aatctcttga	atccaaaact	ggatattaag	aactttcccc	cttactaagt	ttaagacttt	360
tgatcatgtg	tgagtcaaat	aagaccattt	tgattgtaaa	ccataaaata	gttcagcaag	420
tagccacacg	ttctggccta	acagcagact	tgctgttttc	acttgggtatc	ctggagttgg	480
gttgctaacc	ttaatttcta	tgatgttttc	taaaatgaaa	cttgataaag	tagaccacca	540
gctgcaccgt	gttttctgta	aaagtattgt	tagtaagtgg	ccaagagact	tgaggaaaat	600
acagattttt	tggttacctt	ggtcttggtt	taagtcttaa	aaaattaaag	ataacattat	660
aatgtagaat	cagatgggac	atagtccttg	taagcttncc	ttggaaatgt	tttaaatatt	720
taggaagctt	ttaaaagacc	taaattgtac	tctaaaagac	actnaattgt	ctaattgtaca	780
aaggn						785

<210> 3368
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 3368

gnnnnnttttn	nnnnntntaaa	cccttnagct	actcgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgaggctgc	cacagggggg	caatctttat	ttgtcttact	tcctacccct	120
tccctgttct	gcctctttta	ctcagttaag	ttgttctgtt	tgggacctgg	aaaagaaccc	180
aaagaaaacc	tgagtggaca	ggttcatttc	tggaatgcag	aaaacatttt	aaaggctaga	240
tttttagaat	attctcaact	agcattcttt	ccattgattt	gaaggggaat	taactattat	300
aatctcttga	atccaaaact	ggatattaag	aactttcccc	cttactaagt	ttaagacttt	360
tgatcatgtg	tgagtcaaat	aagaccattt	tgattgtaaa	ccataaaata	gttcagcaag	420
tagccacacg	ttctggccta	acagcagact	tgctgttttc	acttgggtatc	ctggagttgg	480
gttgctaacc	ttaatttcta	tgatgttttc	taaaatgaaa	cttgataaag	tagaccacca	540
gctgcaccgt	gttttctgta	aaagtattgt	tagtaagtgg	ccaagagact	tgaggaaaat	600
acagattttt	tggttacctt	ggtcttggtt	taagtcttaa	aaaattaaag	ataacattat	660
aatgtagaat	cagatgggac	atagtccttg	taagcttncc	ttggaaatgt	tttaaatatt	720
taggaagctt	ttaaaagacc	taaattgtac	tctaaaagac	actnaattgt	ctaattgtaca	780
aaggn						785

<210> 3369
 <211> 1000
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1000)
 <223> n = A,T,C or G

<400> 3369

aatttttttn	nncenaattt	ttccenaagg	gccccttaac	cttttgggtt	tttccctttt	60
tttttttttg	gcccanggg	gaaattcccc	cccccaattc	ccggnaattt	ttcccggnaa	120
aaatttttcc	cggggcccna	cccggnaagg	gggaaggggg	gaaaaatttt	taaccaggg	180
gggtttaagg	gccccaaaaa	aaatttttaa	ttggggggaa	gggnttttgg	ggggaagggg	240
gnaaccaggg	gtttanttgg	aaaaccccc	ccnatttttt	tgggaccntt	ttttgccac	300
ccgggggaaa	aaaggggaatg	gaaagcccc	aannaatggg	cctttttcca	aaaaagaaag	360
ccttgggggg	ggaccaaggg	gaaaaataag	aaattggctt	accatgggct	tggttttata	420
tgaatgatgt	gtctgcagga	ggaccctgtt	tttctgaagt	tggactagt	ttgccccaaa	480
aaagaactgt	gtttggtata	atctgttgca	gtggagaagg	agatatagtc	acggcatcac	540
ctgtcagtgc	tagtggcaac	aaatgggtat	caataaatgg	ctcatgaacg	tggacaagaa	600
tttcgaagac	cttgtcgttg	gncagaattg	gaatgacaaa	caggcttccc	ttttctcct	660
attggtggna	ctcttatgtg	ctgatataca	catttcctag	tcttaacttt	caggagttaa	720
caattgacta	acactccatg	attgattcag	tcatgaacct	catcccatgt	ttcatctgtg	780
ggacaattgc	ttacttttgt	gggttctttt	aaaaagtaac	acgaaatcat	catattgcat	840
aaaaccttaa	aagttctgtt	ggtattcaca	agaaagacaa	aggcagaagt	ttaaaagtgg	900
anggaatttt	atatttttaa	gaactttttg	ggttggataa	aaacataatt	tgagccatcc	960
nagttttaag	tantttcact	acatctcaat	tgggtgggtg			1000

<210> 3370
 <211> 1000
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1000)
 <223> n = A,T,C or G

<400> 3370

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tttttttttg	gcccanggg	gaaattcccc	cccccaattc	ccggnaattt	ttcccggnaa	120
aaatttttcc	cggggcccna	cccggnaagg	gggaaggggg	gaaaaatttt	taaccaggg	180
gggtttaagg	gccccaaaaa	aaatttttaa	ttggggggaa	gggnttttgg	ggggaagggg	240
gnaaccaggg	gtttanttgg	aaaaccccc	ccnatttttt	tgggaccntt	ttttgccac	300
ccgggggaaa	aaaggggaatg	gaaagcccc	aannaatggg	cctttttcca	aaaaagaaag	360
ccttgggggg	ggaccaaggg	gaaaaataag	aaattggctt	accatgggct	tggttttata	420
tgaatgatgt	gtctgcagga	ggaccctgtt	tttctgaagt	tggactagt	ttgccccaaa	480
aaagaactgt	gtttggtata	atctgttgca	gtggagaagg	agatatagtc	acggcatcac	540
ctgtcagtgc	tagtggcaac	aaatgggtat	caataaatgg	ctcatgaacg	tggacaagaa	600
tttcgaagac	cttgtcgttg	gncagaattg	gaatgacaaa	caggcttccc	ttttctcct	660
attggtggna	ctcttatgtg	ctgatataca	catttcctag	tcttaacttt	caggagttaa	720
caattgacta	acactccatg	attgattcag	tcatgaacct	catcccatgt	ttcatctgtg	780
ggacaattgc	ttacttttgt	gggttctttt	aaaaagtaac	acgaaatcat	catattgcat	840
aaaaccttaa	aagttctgtt	ggtattcaca	agaaagacaa	aggcagaagt	ttaaaagtgg	900
anggaatttt	atatttttaa	gaactttttg	ggttggataa	aaacataatt	tgagccatcc	960
nagttttaag	tantttcact	acatctcaat	tgggtgggtg			1000

<210> 3371
 <211> 924
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (924)

<223> n = A,T,C or G

<400> 3371

annnnnggnnn	nnnnnnnnnn	annagnnnnn	nagnngttga	ntttgaaacc	tttagccctt	60
ttgcagahcc	caccgnttcn	gnagatgatg	tggatanact	tggatactcc	cttgagtggg	120
anatannngt	gttcagactg	nncaagtnta	netccanaga	ctttgaaagtc	tgctacccag	180
aggagcctct	cagggactgg	ccggagatct	ccctgctgac	cgagaacgac	cgccactacc	240
acattccagt	cntttaannc	cgctgggggc	cnaacagcag	ngctcaccag	tgacgggtgg	300
cacagttgcn	ataaaagtngt	ctctgaaacc	aaagctagca	tttcacnatg	gaaggaatta	360
ngacctattc	ttcaggatta	caggtacact	ggntgcaagc	catgcatgga	tggnttttct	420
taatnntnca	gtngatttgc	tctnaannca	netgcanatg	aaaacanttg	gcgagtnggg	480
ngncnggact	ttgaccata	nagggggcgt	nggccacttc	acatgatggg	cggggnctat	540
tgggaccaca	aatnaaaggc	cngcntggac	ancaaacntg	ggaaaaaann	naagaangaa	600
aaaccacnnt	aaagngaaaa	nacangcntg	accttgggag	aggaaaaaaa	aaccaagttt	660
taaccggtnn	atgggttcatt	cattnaaaaa	aacctnnanc	ntcggacttg	tatttttgag	720
gggatttaan	taccnaaana	atngggncct	tatttttnan	aataaagcnn	anaacctttt	780
accnaaagaa	ancccnannt	ttgggaatan	tggcnatntc	taaangggan	cccatnnggg	840
attnaacntt	gtnaaaaatt	aactaanact	ttcgggggaa	aagttnncna	aatngaaggt	900
ggntcanaaa	naaaanaaga	anng				924

<210> 3372

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 3372

ttccatcagc	tcttggtctt	tntgcaggat	ccctcgattc	gaattcggca	cgagattcca	60
aaggttncaa	anaacttgg	cataantatg	atnatgagaa	gacancgtct	ttctnttaaa	120
acagnttant	ngccttcact	tttgtagaaa	tagnnttcan	cacanaaaact	gacttnttta	180
gacaaaagtn	taaccaatga	tngngtnngc	ttctaggata	tacactctaa	ancaactcac	240
tgtccccagt	ggtggtcatt	gctggccnta	ntnanttgg	cctgcntaan	natattgata	300
tctaatttcn	tttaaccacc	ntnantngnc	cttanttacc	ancngggnnn	nactncacgn	360
ggcaactgng	gcntngcntn	cttnnccagc	tcatggtgng	tgaatgttat	acaaattgcc	420
actcagatat	atttttggnc	gtaatggggg	gtacaaatga	tcatgtgatg	tgtncaactca	480
tntggtgcaa	agtgccccng	gcaccaacng	ngncnnggtn	ctcanccaca	accntgctnc	540
ctctgagatn	cacnncccnt	cancctccga	gtaangagtt	gcgntacaac	tcatcaangg	600
nanactggnt	aatattaaaa	atcatecnat	atgnccatac	tttnccctnt	ttgtancctg	660
cccaannatc	ccgtcaaagg	gngtggtttn	tctngcta	ttcccaccag	ntggnttann	720
nttaattccn	ctcaggganc	aaanngttca	caatgccttt	ctttttttcc	cgnnnggntt	780
ttggaagcn						789

<210> 3373

<211> 869

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (869)
 <223> n = A,T,C or G

<400> 3373

atttcaaaaa	ctettgcett	nttaaanacc	tnnecntact	cgatcntnca	cgaggaanga	60
ggacctaggg	acacacatat	ggtggccaca	cccaggaggg	tagtggngag	ttagatttna	120
gagtccaggg	cctaggttgg	gacccactcc	aaataatctc	ctcgggtgtg	gtggtggttn	180
tatanangga	taaatgaata	ataaacattn	ntaaaatata	cgctattcct	tgntggaaat	240
gcctgctgca	cccccgtttc	cantgacntn	cogaangngg	ntatnnggtg	gtcantggaa	300
tnacagtcaa	tccanangtn	anccngcngg	gntgcatcaa	gctgncctcg	cacctgggnt	360
nnncaccctc	tgccccacac	tggtnatgat	gccacacctt	nccatgttca	cncgtgttgg	420
aaaaanncct	tttnttttcc	tctttttaaag	agaaaacatt	ganaaaagatt	ttttttttta	480
atggggccgac	ccnaaaaggg	agatctnccc	ncccttgtat	atnatantnn	tgacctncc	540
tacnaagang	gcgtttttgg	caaaatnatt	ntttntttt	tcncgnggtg	gtgggggaaa	600
aatttttcct	ggggggggcc	ttngnngccn	aactnttaat	tttccccatt	aaggcaannt	660
ttctttgggg	gnctttcccc	nggggcttaa	ncnttaaact	ttggaatttt	tntnggggtt	720
ggttngnccn	taaattttta	nnaaaatggt	ngtcnaaccc	aaaaaaaaat	ntnaccctcg	780
ggggccnaaa	anttttttnc	cccccttggg	ngccttttan	tttccccac	aaactttttt	840
tttttcctt	ccaaccnctt	ttattcttt				869

<210> 3374
 <211> 1128
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (1128)
 <223> n = A,T,C or G

<400> 3374

gnngggggnnn	nnnnnnnggg	gnngggggnnn	ggcgnnnggn	ncgncgggnnn	ancnnnnnnnn	60
nnnnnnnggg	ggnnnncccc	cggttttttt	ggccaaaatn	ttggggccnaa	naaacccagg	120
gcccctacct	nggggncccc	ctttnttttt	tgggcccang	gggnnagccc	nccncgnncc	180
cggnnanggg	ggccnggggg	gnagggcccc	gcngcnaang	ccgnaggggg	ggggggcncg	240
cgccccccnc	ccannngncc	aagaganaaa	nnnaggcggc	nnagngaang	nggaannccc	300
ntggggcnng	gggnnanana	nccaagnggg	aggggggggg	ggggccggcc	gggntcgggg	360
gagnnacggn	cantnggncc	ggggggnggg	aggggcacag	ggggaggagg	ncttngngng	420
ggngagcgga	gcgcggggcn	cnancagngn	gggancncnn	gcaangggca	nnagangccg	480
nggnccacct	acnnngggga	ngcaaggcnn	tnagnatnat	nggggggnagg	agcaaaaang	540
ggngncccn	ngctaggncg	ancntggggg	agggagcngg	ccngaacagc	nggggggnnc	600
tgngngagaa	cnggagcgng	ncngnacggc	ccnggagaca	aggagcgtct	gggggagggc	660
gatggcaagg	ggtatggngg	gctgggacan	gnnggggacc	cnagngnaaa	nnctgtnggc	720
aagngggacg	tnngggnggn	nngctggata	agggncgcaa	ggtaccnagn	cgggnncagg	780
gnngnactgg	nangcaggga	gagccgagga	cggnnagngc	gnngntgagg	gnacgncngg	840
gangacgtgc	caggnaaccc	nggggncngg	ggcggnnaaa	cnngncgagc	ncgccggggc	900
ngcgtcgag	agcgnggnnn	aggcgannng	gtnaaggngg	ngngnggggn	angnnngggg	960
cgaggggncn	aaggatnnng	aggggggnac	acntgggcn	ganggcatgg	ncngncncgg	1020
ggccgaaaca	cggaacgcg	gggggagggc	angngngggg	nctgggggnc	cgncgggnag	1080
gggnacnggg	ggcgggggcg	cagtggncag	tgtgnnngcg	gcgagccg		1128

<210> 3375
 <211> 1128
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1128)

<223> n = A,T,C or G

<400> 3375

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nnnnnnnggg ggnnncccc cggtttttt ggccaaaatn ttgggcnnaa naaaccacagg    120
gcccttacct nggggncccc cttttntttt tggggccang gggnnagccc nccnecgncc    180
cgggnganggg ggcnnggggg gnaggggccc gcnngnaang ccgnaggggg ggggggcnccg    240
cgccccccnc ccannngncc aagaganaaaa nnnaggcggc nnagnngaang nggaannccc    300
ntggggcnng gggnnanana nccaagnngg aggggggggg ggggcccggc gggntcgggg    360
gagnnacggn cantnggnccn ggggggnggg aggggcacag ggggaggagg ncttngggng    420
ggngagcgga gcgcggggcn cnancagngn gggancnncn gcaangggca nnagangccg    480
nggnccacct acnnggggga ngcaaggcnn tngnagtnat nggggggnagg agcaaaaang    540
ggngncceng ngctaggncg ancntggggg agggagcnng ccngaacagc ngggggggnnc    600
tgggngagaa cnggagcgng ncngnacggc ccnggagaca aggagcgtct gggggaggggc    660
gatggcaagg ggtatggng gctgggacan gngggggacc cnagngnaaa nncgtgnggc    720
aagngggacg tnnngggngn nngctggata agggncgcaa ggtaccnagn cgggncagg    780
gngncacttg nangcagggg gagccgagga cggnnagngc gnggntgagg gnacgncgng    840
gangacgtgc caggnaacc nggggncgng ggccggnaaa cnngncgagc ncgcccggggc    900
ngcgtcgcag agcngggnnn aggcganngg gtnaaggngg nggngngggg angngngggg    960
cgaggggncn aaggatnng aggggggnac acntgggcn ganggcatgg ncngncngg    1020
ggccgaaaca cgggaacgcg gggggagggg angngngggg nctgggggnc cgnccggngag    1080
gggnacnggg ggccggggcg cagtggncag tgtgnnngcg gcgagccg    1128

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<210> 3376

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (793)

<223> n = A,T,C or G

<400> 3376

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aantacatca gctnttntct ttttgaggga tcccatcgat tcgagaaagt gctagcacag    60
tttgtgttgt ggatttgcta cttccatagt ttacttgaca tggttcagac tgaccaatgc    120
atTTTTTTca gtgacagtct gtagcagttg aagctgtgaa tgtgctaggg gcaagcattt    180
gtctttgtat gtggtgaatt ttttcagtgt aacaacatta tctgaccaat agtacacaca    240
cagacacaaa gtttaactgg tacttgaaac atacagatat gttaacgaaa taaccaagac    300
tcgaaatgag attatttttg tacacctttc tttttagtgt cttatcagtg ggctgattca    360
ttttctacat taatcagtgt tttctgacca agaattattgc ttggattttt ttgaaagtac    420
aaaaagccac atagtttttc cagaaagggt tcaaaactcc caaagattaa cttccaactt    480
ataagtttgt ttttattttc aatctatgac ttgactggta ttaaagctgc tatttgatag    540
taattaaata tgttgtcatt gatataaacc tgtttggttc agcaaacaaa ctaaaatgat    600
tgtcataaga caggggtttt atttttcctg gtggngtng ctgatttgng gagcatgcct    660
ttaagaatga aaaaagcctg gaatggataa ccttcctta aaaaaggngc cggcattcca    720
attcaaaata ttttcgtcct ggatttnaaa gctgggtggg gtaatgctaa ttaaaaattc    780
cttcagttaa ttt

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<210> 3377

<211> 828

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(828)
 <223> n = A,T,C or G

<400> 3377

tcctcttng	aaagctttaa	acctttttta	aacctttcag	ctcgggnecc	attgengann	60
cnatctantc	nnngccggcn	ccgcnngnn	gtntnncatt	nataaaanngc	ttgaanatna	120
tgatgtngcc	ntctagnnac	nnagatttga	ntccgnttan	ngaagtgtga	aatntgcnet	180
ggaagaaatg	ttnncttna	tgatagctcg	tgatggaaa	aaagngcact	gnatttatta	240
cacaaactta	cnaatgcttn	acttctttac	acaacatnng	tnaantnata	tttgggntat	300
tgcattctat	naacaatttg	tgatggnntt	aanatgggtg	tnatnactnt	gntnnnecnc	360
annntgtttt	taacnnatan	tggccctaaa	atatgggtgt	gcttatataa	tcgcttactt	420
ctggcnactgn	aacngnnnta	cngaggacag	ntgggntttt	aacctctctn	ttgnacgttt	480
gcengacctta	cntggcnctan	tatggattct	aaaagtactt	caatgnnctt	annaagaaac	540
atatacttgn	ggngtattta	gatgcttttt	gattataccc	acacaatncc	tgaggggaca	600
ttttggggcn	tngaataata	aacanttnna	tntccactta	ncatctgccc	ccngnggta	660
agttactatt	ngttngcng	gtacaactaa	atnncttttc	ccantntttt	aattgggaaa	720
taggggogaa	tnnctangnc	tttantggnt	ggtntctggc	ctcaatggac	natnnaacaa	780
ttgnnaaana	caaatntgta	aatcccggaa	ttcctnataa	aaaaaant		828

<210> 3378
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 3378

nnnnnnnnnt	nnnttttnata	tacatncagc	tcttgttctt	tttgcaggat	cccatcgatt	60
cgctgacaac	ttgattgggt	tctccttcag	gtttgaagcg	ccctcgagaa	gtgtctaaag	120
gagacagttg	atagccaaac	aacagttttg	gattcactga	ctgattatga	aagaagcagt	180
agactgggtat	caagaatcag	tcagcaagga	ggccctcacc	agacgccagt	gccatgttct	240
tggacttctc	agcctccata	ttcatgaact	aagtttttgg	aatccttagg	cttcngtgt	300
ggaaagcctg	agctaacctta	ctggaggatg	agccatcacc	tggagcagat	tcaggccatc	360
ctagttgaag	cctccctagg	ccaagcaacc	gtccaactac	cagacattga	ccattcagcc	420
ttgaacattc	agcacaaaga	caaaacagac	cagaccagaa	gagtccaca	gaatagggga	480
aactattcag	agaaaactta	agccactaag	ttttatgggtg	ttttgttctg	tagcagaagc	540
ataggcatat	tgacaatata	aaccgaaatc	cttctaactg	agtggacctt	ttcaggccac	600
atTTTTTnct	tgaaaacctg	gagcatgtat	catcttatag	cagagatcac	tttcacaatg	660
tttgggctct	tgatttgaat	tgatgatgta	atgagccctc	tatncagatg	nnactaatta	720
ctctgcgaat	tgactgggat	tcacaccctt	ctaataatctt	acttttctct	ttttatcaac	780
tctcattctc	gct					793

<210> 3379
 <211> 686
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(686)
 <223> n = A,T,C or G

<400> 3379
 tgtgcnccga aagatnagcc aaatgctttc aaagagctng ggacaggaaa tagaatngct 60
 acngtggctg atntatatga gtgatgtgtc tgcaggagga gccctgcttt tgctgaattg 120
 gagctagtgt ttggcccaaa aaaggaactg ctgntttggn ataancgtgn ngccannnga 180
 nancgagatt atagtacacg gcntgcagcc tgtncagggtg ctagttggca acaaattgggt 240
 atncaataaa tggctccatg aacgtggaca agaattnnca agacctgtt cttntcagaa 300
 ttggaatgac aaacnggctt ccttttttct cctatngntg gtactcttat gtgtctgata 360
 tacacatttc ctngtcttaa cnttnaggga gttacaattg actaaacact tcatgattgg 420
 nttcacncca tganccctna tcccanggtt tcatttgtgg acaattgctt acttttgngg 480
 ggtcttttaa aaaggnaacnc gaaatcttca ttattgccgt aaaaacctta aagatctgtt 540
 ggnantcaca agaagacaaa nggccgaaat tttaaagggg aggggaatttt tntattttna 600
 aagaaccttt ttnggttggg nnaaaaacat aatttgagcn ttcnnctttt nagaattccc 660
 ctaacatctc aggttgggtg gggngg 686

<210> 3380
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 3380
 ttccatcagc tcttgttctt tntgcaggat ccttcgattc gaattcggca cgagattcca 60
 aaggttncaa anaacttggg cataantatg atnatgagaa gacancgtct ttctnttaaa 120
 acagnttant ngccttcact tttgtgaaaa tagntttcan cacanaaact gacttnttta 180
 gacaaagttn taaccaatga tngngtnngc ttctaggata tacactctaa ancaactcac 240
 tgtcccaagt ggtgggtcatt gctggccnta ntnanttggg cctgcntaan natattgata 300
 tctaatttcn ttttaaccacc ntnantngnc cttanttacc ancnggggnn nactncacgn 360
 ggcaactgng gcntngcntn cttnnccagc tcatggtgng tgaatgttat acaaattgcc 420
 actcagatat atttttggnc gtaatggggg gtacaaatga tcatgtgatg tgtncactca 480
 tntggtgcaa agtgccccng gcaccaacng ngncnnggtn ctcanccaca acctgctnc 540
 ctctgagatn cacnccccnt canctccga gtaangagtt gcgntacaac tcatcaangg 600
 nanactggnt aatattaaaa atcatccnat atgnccatac tttncctntt ttgtancctg 660
 cccaannatc ccgtcaaagg gnngtgtttn tctngctaata tccccaccag ntgggnntann 720
 nttaattccn ctcaggganc aaanngttca caatgccttt ctttttttcc cgnngggntt 780
 ttggaagcn 789

<210> 3381
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 3381
 naacacttng ctacnngttc tttttgcagg atcccatcga ttccgaattcg gcacgaggag 60

atctctggga	tgtcagtgag	gctgggtgaa	gaccagaggt	aaactgcaga	ggtcaccacc	120
cccaccatgt	cccaggtgat	gtccagccca	ctgctggcag	gaggccatgc	tgtcagcttg	180
gcgccttgtg	atgagcccag	gaggaccctg	caccacagcac	ccagccccag	cctgccaccc	240
cagtgttctt	actacaccac	ggaaggctgg	ggagcccagg	ccctgatggc	ccccgtgccc	300
tgcatggggc	cccctggccg	actccagcaa	gccccacagg	tggaggccaa	agccacctgc	360
ttcctgcccgt	cccctgggtga	gaaggccttg	gggaccccag	aggaccttga	ctcctacatt	420
gacttctcac	tggagagcct	caatcagatg	atcctggaac	tggaccccac	cttccagctg	480
cttccccccag	ggactggggg	ctcccaggct	gagctggccc	agagcaccat	gtcaatgaga	540
aagaaggagg	aatctgaagc	cttgggtaag	gatttggggc	acagtaccag	gaggggggct	600
tggtgccaga	cctcatgagg	aagaaggatt	ttcctatgta	cagagaaggg	gacccctgtc	660
ctgttgggan	gtgctgtgca	aacctaacca	aagttactaa	cccctctggg	ttctgngggt	720
acacaaangg	ggataaatac	aaagctttnc	ctnaactagc	caattctatt	tgggtttcct	780
gagt						784

<210> 3382

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 3382

aaccaccagc	tacttgttct	ttttgcagga	tcccatcgat	tccaattcgg	cacgagtga	60
agttcaaaca	gaaattgcat	tgttattaca	gagaaagcaa	gaactagtgt	cagaactgga	120
ccaggatgaa	aaggaccagc	aaaatacatc	tcgcctggta	caggaacata	aaaagctttt	180
agatgaaaac	aaaagccttt	ctacttacta	ccagcaatgc	aaaaaacaac	tagaggtcac	240
cagaagtcag	cagcagaaac	gacaaggcac	ttcatgattc	tctgggaccg	ttacattttg	300
aaatatgcaa	agaaagactt	tttttaagga	aaggaaaacc	ttataatgac	gattcatgag	360
tgttagcttt	ttggcgtgtt	ctgaatgcc	actgcctata	tttgcctgac	ttttttcatt	420
gtttattttc	cttttctcat	ggtggacata	caattttact	gtttcattgc	ataacatggg	480
agcatctgtg	acttgaatga	gcagcacttt	gcaacttcaa	aacagatgca	gtgaactgtg	540
gctgtatatg	catgctcatt	gtgtgaaggc	tagcctaaca	gaacaggagg	tatcaaaacta	600
gctgctatgt	gcaaacagcg	tccatttttt	catattagag	gtggaacctc	aagaatgact	660
ttattcttgn	atctcatctc	aaaatattaa	taattttttt	nccaaaaaga	tggtatatac	720
caagttaaag	acagggtatt	ataaatttag	agtgattgnt	ggatattacc	ggaaa	775

<210> 3383

<211> 1044

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1044)

<223> n = A,T,C or G

<400> 3383

naacgcnnng	tacttgttct	ttttgcagga	tcccatcgat	tccaattcgg	cacgagcccc	60
ggtcgtgtag	cggtgggtata	ctacgggtcaa	tgctctgaaa	tctgtggagc	aaaccacagt	120
ttcatgccca	tcgtcctaga	attaattccc	ctaaaaatct	ttgaaatagg	gcccgtattt	180
accctatagc	acccctctta	gagccaatan	annaantnat	nntnnnaanc	ncnnnancnt	240
ananaancctc	nancctttan	aactntnnng	agtcntntnt	annnnnatnc	anacatgntc	300
ncatacatcn	cttatttttg	ncnnnccnnn	cctnnanngc	ncnnnnanan	angcnntntt	360

```

ntcaaattnn nnnnnnnnecg nnnnnnnntc nnnccatnnc nnnnnnnnttc taennatnnc 420
nnnnntnctac nnnntecnntn cnttnnaann tntccncccc nttnncngnnn nctnnnnnt 480
tnnnntnnnnn nnnnnnnncnn ntctnncccc cnnnnntcc nnnnnnnncc nnnntcnnnc 540
tnnnnnnnnc nennctnnntn tncccnnnnc nnttnntnnn nnnntnccnc nntnnnnnt 600
nnnnnnnnnn nentnccnnn nntnnnnnnn nnnnnnnnnn tnnnnnnnnn nntnnnnnn 660
nnnnnnnnnn nnnnnnnnnn nntnnnnnnn nntnnnnnnn tnnnnnnnnn nntnnnnnn 720
nnctnannnc nnnnnnctnt nnnnnnnnnn nnnnctnnnn cntctnctct cnncccnntn 780
tatcnennna nnnnnntnnc nnnnnnnnnn nnnnctnnnn ntccnnnnnn cnnnnnnnnn 840
nntnnnnnnn cnttnccnnn tnccnnnnnn nnnccnnnnn nntctnnnnn nnnncnccct 900
nnnnntnctn nnnnnnnnnn nnnnnnnntn tctcnctnnn cntnnnnnnn cntnccctac 960
nenctnnccn cnancennnn tncatnnctn nntcnctnt tacctttacn nccnccncc 1020
cttnccnatn acncaatncc nect 1044

```

<210> 3384

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 3384

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tcaacagctg gctactcggt ctntntgcag gatcccatcg attcgaattc ggcacgagca 60
gccttggtga cagagcgaga cctgtctct aaaaaataaa taaataaaat attgtgagtc 120
tctgatgggg agcagtattg catggtgggt gagaactgag gctctgatgt tagaactgga 180
ttctgactta acccactggt tgcccacatc ttgagccttg gttccctat ctgtaaaatg 240
gcagtattct cgggctggct gaggaagga aatgaggcca ggcgcggtgg ctcaggcctg 300
taatcccagc actttggcag gctgaggcag gtggatgatt tgaggccagg agtttgagat 360
cagcctgacc aacatggcaa acccccgct ccactaaaaa tagaaaaaaa tagctgggca 420
tggtggtgca cccctgtagt ctcagctact tgggagacag aagcaggaga attggttgaa 480
cttggaaggt ggaggttgca gtgagctgag atcgaccac tgactccat cctgggcgac 540
agagcaagac tgtctcaaaa taaataaaata aataataaaa taaagttaaa aaanaaaaaa 600
aaaaactcga gcctctagaa ctatagttag tcgtattacg tagatccaga catgataaga 660
tacattgatg agttcggaca aaccacaac tagaatgcan tgaaaaaaa tgctntattt 720
gtgaaatttg tgatgctatn gcttttattt gtaaccatta taagctgcaa ttaaccagtt 780
aaa 783

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<210> 3385

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 3385

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tcaacagctg gctactcggt ctntntgcag gatcccatcg attcgaattc ggcacgagca 60
gccttggtga cagagcgaga cctgtctct aaaaaataaa taaataaaat attgtgagtc 120
tctgatgggg agcagtattg catggtgggt gagaactgag gctctgatgt tagaactgga 180
ttctgactta acccactggt tgcccacatc ttgagccttg gttccctat ctgtaaaatg 240
gcagtattct cgggctggct gaggaagga aatgaggcca ggcgcggtgg ctcaggcctg 300
taatcccagc actttggcag gctgaggcag gtggatgatt tgaggccagg agtttgagat 360

```

cagcctgacc	aacatggcaa	acccccgcgt	ccactaaaaa	tagaaaaaaa	tagctgggca	420
tgggtggtgca	cccctgtagt	ctcagctact	tgggagacag	aagcaggaga	attggttgaa	480
cttggaaggt	ggaggttgca	gtgagctgag	atcgaccac	tgactccat	cctgggcgac	540
agagcaagac	tgtctcaaaa	taaataaata	aataaataaa	taaagttaaa	aaanaaaaaa	600
aaaaactcga	gcctctagaa	ctatagttag	tcgtattacg	tagatccaga	catgataaga	660
tacattgatg	agttcggaca	aaccacaaac	tagaatgcan	tgaaaaaaa	tgctntattt	720
gtgaaatttg	tgatgctatn	gctttttatt	gtaaccatta	taagctgcaa	ttaaccagtt	780
aaa						783

<210> 3386

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 3386

caacgctngc	tacnngttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagcaaa	60
gaggtacaga	gtgaagacag	tgtcctcctg	tttggtattg	catggacgat	cacggaaatc	120
atccgttact	cctttttatac	attcagttcta	ttaaaccatc	tgcccttacct	catcaaattg	180
gccaggtaca	cacttttcat	tgtgctgtac	ccaatgggag	tgtcaggaga	actgctcaca	240
atatatgcag	ctctgccctt	tgtcagacaa	gctggcctat	attccatcag	tttaccacaac	300
aaatacaatt	tctcttttga	ctactatgca	ttcctgattc	taataatgat	ctcctacatt	360
ccaatttttc	ccagttata	cttcacatg	atacaccaga	gaagaaagat	ccttttctcat	420
actgaagaac	acaagaaatt	tgaatagtgc	ctgctttctg	cacctcccac	caaaacaaac	480
ttttcaatga	tcaaaaaatg	ctgcagattt	tttgagttcc	caatacgttt	catagaaaat	540
aagtaagaac	tattttttaa	atattcaaac	aaaactaaaa	caaaaatcca	gtgtcacatg	600
ggcctgagat	tttattttag	aaaaagggtg	ttacataaaa	cacctgggcc	agttcatttc	660
agcatgctct	ttcaaccaga	agttcttaac	atztatgatg	gcactagaaa	gggatttggc	720
atztatgtgc	cttctgtgtc	cttcattgtat	ctgatcaatg	aagacctgta	ccactaan	778

<210> 3387

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (776)

<223> n = A,T,C or G

<400> 3387

catanagntc	ttgccttttt	gnaggacnct	cgattcgaat	tcggcacgag	cccccatctt	60
cactggttat	tccacttatt	taaaatgtcc	agaataagca	aatctccata	tagaggaagt	120
agattagtgg	ttgcttcggg	atgggaggaa	tgggaagatt	gaggtctttc	ttttgcagtg	180
ataaaaaatg	cctaaaattg	actgtagcga	tggtcacaca	actctgaata	tgcttaagac	240
cattgaatta	cacactttac	gttggtgaat	tgtatggatg	taaattatag	ttcaataaca	300
tagttacaaa	agataatcaa	aagcatgaaa	gcactgttga	tgtggnttgg	atctgtgtcc	360
tcaccgagtc	tnatgttgaa	atgtaagccc	cctgggtggga	ggcgatggga	ttatggggca	420
gantcctcac	aaacgggtta	gcccacccgc	tcaggctgtt	ctcctgatat	tgagtcctca	480
tcacatctgg	ttgcttcaaa	gtgtgtggng	ccttccctct	atctcctact	gctctggcca	540
tataagangt	gcctgcttct	ccttcgcctt	ntacatgatt	gtaaagtttc	ctgagcctcc	600
tagaacnaaa	gctgctgngc	tttctgtcca	tctacangan	cgtgagccca	attaaacctc	660

```

tttttttttt ttngagggn ntttntnnc nntccnnca ntttnanann cctngnanng 720
gttttnaaaa anaananngn naannnnnnn ncccccnge ccttttaaaa taaaaa 776

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<210> 3388
<211> 780
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (780)
<223> n = A,T,C or G

```

```

<400> 3388
tatacataca gctacttggt ctttttgag gatcccatcg attcgaattc ggcaacgaggt 60
gccatcttgc tatgtttccc aggctggttt tgaactccca gcctcaagca atcctccctt 120
tccgcctcag ctcccaagt ggctgggggt atgggcctga gccactacac agctaagagt 180
gtcttgatg cgtaaatgag atggctggtg tctgagagcc cctagagagc ttcaagatgg 240
gggctagtct ttaaaagtc caagcaatgg ctaggtatgg tggccactgc ctgtaatccc 300
aggagtgttg gaggccaagg tggacagatc acctaggagt ttgagaccag cctggccaac 360
atggcgaaac actgtctcta ctaaaaagac aaaaattagc aagacaaaaa ttagtctgggc 420
ttggtggtga gttcctgtag tcccagctac ttgggaggct gaggcaggag aatcacttga 480
acctgggagg cagagggtttc agtgagctga gatcatgccca ctgcacacca gccgcctggg 540
tgacagagca agactccatc taaaaaacia aaaaagtcac gattagaggg ttggaacttt 600
cagcctttcg gcctctgctt cttgtcccca cctntgggca naagggaagg gctagagatt 660
gaattatncc aatggccaat gatttattta atcaatatga aaccttcata aaatccccta 720
agtgataaag ttcanagagc tttcaagttg gtaaagcttt tctangtgct tgggaagggg 780

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```

<210> 3389
<211> 815
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (815)
<223> n = A,T,C or G

```

```

<400> 3389
gnnnnttnt atacatcagc tcttgtcttt gcggtccctc gttcgattcg gcacgagtaa 60
gaatccccac ccccatcaat tttcaggaat gggatggtct agtaaggata acctttgtta 120
ggaaaaacia gacactctct gctgcattta aatcaagtgc agtgcaacia ctcttgaaa 180
aaaactacag aattcactgt tcagtcata atattataat accagaagat ttcagcatag 240
cagataaaat acagcaaate ctaaccagca caggttttag tgacaacggg cccgttccat 300
ggacatagat gacttcatca gattgctaca tggattcaac gcagaaggta ttcatttttc 360
ctagggtattt ggaaaacaga aattttcaag gtcaagaaaa gaaatgaatt ttgtattttt 420
tgtatttgag aagataatgc ttttgcctta ctgagacatt atttacttga ctatttttgg 480
ttcaatacta ctactggtgt caccatttat gattctgaat ttaaagttgg gaaaggtcta 540
agtatcaaag tttttaatat ataatgctgg tccaatctat tcataataat cttcaagggtc 600
agggagcccg cagagaccca ccaacttttn cacttatcat ttctaacagg ttattggata 660
aagaangtan ctcttctatt taccgggnat atacctggna aggccttntt tnnngncctt 720
tagctctggt tcttcnngt aattaaaaaa ggttaaaaa atggaaaaaa aaaaaaaaa 780
aaaaaactcc gngggcctnt agaacttttt gggggg 815

```

```

<210> 3390
<211> 857

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<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(857)
 <223> n = A,T,C or G

<400> 3390

tcaacngctt	ggctanegtt	ctctttgcag	gateccatcg	attcgcgctct	canacaannn	60
aagtatncta	cccatccaca	ggcagcagac	aaggaagtac	cttctgtgac	tgncctggcaa	120
ggtcagaggc	atnaggggaag	gtaaantact	gnaactatat	tnntaaaaat	aaaagtattc	180
cctttatgag	tgtgaattac	gaatcaatgc	cccttctcac	tactttttgt	gaaaaaaatt	240
accactnctg	cancaagtct	atgcctgggt	aaccaccaac	cncccaaanc	cnagaagaag	300
neccctttt	ccggcntntg	gaaggetgga	gnancattng	natntnggcc	aacnggncn	360
taaantggng	aantnaccce	ctttcctttt	acaancgggt	ggcntcntna	naccancaca	420
aattntntgg	cacccgggtn	ctctnnacag	gnaaccctgn	naancaaana	aacctggng	480
tctgcactcn	ngnggccan	ntnctnccgc	ttgntntaaa	atgactntgn	cntncccttt	540
ttaaaattca	caaanttttt	anccnctaca	tanacatatg	aagtgagnaa	cccncanann	600
gaanattnan	aaaacntccc	agccnctttt	taactactan	tngagnnctn	tttaatnntc	660
tnatecccn	aannttggtg	atggangecc	attcggtttn	cacctttttg	ganganaatc	720
cnccccacct	tectnaataa	tctnntcnga	ataaaaaaaa	cnccctcat	attattcnnn	780
caanaaantn	tttnnnanna	cnccanggn	gggctcctt	tttngcccn	cncttttnna	840
nncacntcn	ntanaaa					857

<210> 3391
 <211> 857
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(857)
 <223> n = A,T,C or G

<400> 3391

tcaacngctt	ggctanegtt	ctctttgcag	gateccatcg	attcgcgctct	canacaannn	60
aagtatncta	cccatccaca	ggcagcagac	aaggaagtac	cttctgtgac	tgncctggcaa	120
ggtcagaggc	atnaggggaag	gtaaantact	gnaactatat	tnntaaaaat	aaaagtattc	180
cctttatgag	tgtgaattac	gaatcaatgc	cccttctcac	tactttttgt	gaaaaaaatt	240
accactnctg	cancaagtct	atgcctgggt	aaccaccaac	cncccaaanc	cnagaagaag	300
neccctttt	ccggcntntg	gaaggetgga	gnancattng	natntnggcc	aacnggncn	360
taaantggng	aantnaccce	ctttcctttt	acaancgggt	ggcntcntna	naccancaca	420
aattntntgg	cacccgggtn	ctctnnacag	gnaaccctgn	naancaaana	aacctggng	480
tctgcactcn	ngnggccan	ntnctnccgc	ttgntntaaa	atgactntgn	cntncccttt	540
ttaaaattca	caaanttttt	anccnctaca	tanacatatg	aagtgagnaa	cccncanann	600
gaanattnan	aaaacntccc	agccnctttt	taactactan	tngagnnctn	tttaatnntc	660
tnatecccn	aannttggtg	atggangecc	attcggtttn	cacctttttg	ganganaatc	720
cnccccacct	tectnaataa	tctnntcnga	ataaaaaaaa	cnccctcat	attattcnnn	780
caanaaantn	tttnnnanna	cnccanggn	gggctcctt	tttngcccn	cncttttnna	840
nncacntcn	ntanaaa					857

<210> 3392
 <211> 956
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(956)
 <223> n = A,T,C or G

<400> 3392

cctcancgn	ncnnaacann	netennanno	tennatetta	netttcnna	tenantanto	60
ncganannnn	tnctccenn	atnntacena	nttanettac	cncctcnna	acnnetannt	120
tnaantnnnt	ngnncceng	tnntantnt	ttetaacnet	ggggaatcgc	ntctnngnag	180
ganccntcga	ntcgaaaatg	ccttcattnn	cctttttact	ttatcatgag	acataagatt	240
tattggcttc	atatcaacc	taaagtattg	taaactttat	gtaatagcat	ttgggttggg	300
gattgggttg	ttttcggttg	tacatagcat	agttgaatta	tgtaggcat	aattatgacc	360
ttattattgt	ctttatttga	aaattatata	tgatctcagg	aaatgtgat	gagttcaagt	420
tgacaaggag	tgatnnggg	atgggttgata	ctgagtgtca	acttgattgg	attgaagcat	480
gcagagtaat	aatcctgggt	tgtgtcctgn	gagcnatgtn	tcccaaanga	gaataacatt	540
tgagtcanng	gggctgggga	aaggcanacc	cacccttaaa	ctgggtgaac	accctntaat	600
caaactgtct	gctntggcca	gnatataaaa	gcangccnga	aaacntgaaa	aggctagaca	660
ggccttttagc	cctctcagcc	ctacatcttt	ctcccggtgt	tgatgnttc	ctgnccctcaa	720
acnccanact	tcaagtnctt	cancttttgg	gacttgaacc	tggtctcct	tgntcntnaa	780
ntttgnatca	cnggcttate	tgngnggnac	cttanengtt	nagttcnaat	acctccnnaa	840
ttaaaccnc	ttttctntac	ananactccc	netnaatteg	naccntnta	naantnatag	900
tgancncna	aacctnnatc	cnnncttga	tanngancca	ttgnacnnnt	tnnnnc	956

<210> 3393
 <211> 703
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 3393

caatgctggn	ctaagctggt	ctctngttct	ttcgcaggat	ccctcgattc	gaattcggca	60
cgaggagcaa	aataggatta	tattaaagaa	gcaaaaagaat	gtcctaaaaa	ttctccctgg	120
gattaagtaa	cacagtgtat	gatattagtg	gagtagaggg	aaagatccat	gttagagata	180
gcttaagata	gggattagat	gaattgaggg	caatgactaa	agatactgct	tgcaagaaaa	240
ctggctgaga	atgagaggaa	aatcttagtt	gcttggcggg	aggggggttg	tggttgtgaa	300
agatagtttt	gtttaatctt	agtcttaaat	ttaaaaccaa	gcagcaagga	tctagctgag	360
agaataattg	aatacattaa	tataggagga	cagacaaaga	tctgaaaag	gctgggagaa	420
gagcatccaa	agcacagggt	gagagacaaa	aagggttaggg	ctgctggcag	ctgtggagag	480
aactgtacgt	ggtaaggggg	agatataaga	tgtcctgcat	aagtattttc	cctgtagatt	540
gcaaagtcac	ctatggagag	gaaagggtcca	aaatagtcac	tggggagagc	aggtgaatta	600
gatggccaag	caggggtggat	ggatcatttg	aggtttgggg	tgacagatca	actgagatcc	660
acttacactt	ctgaaaacca	agacacttta	gaaattaaca	ccg		703

<210> 3394
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

```

<400> 3394
atgntggnc t aatgcttggc tactngttct tttngcagga tccccatcgat tgcgagcgga      60
tgcccgaaaa tctaggcttc gttgggcctt tgaaaagcca ggctgcagat caaattacga      120
agctgtataa tctcttcttg aaaattgatg ctactcaggt ggaagtgaat ccctttggtg      180
aaactccaga aggacaagtt gtctgttttg atgccaagat aaactttgat gacaacgcag      240
aattccgaca aaaagacata tttgctatgg acgacaaatc agagaatgag cccattgaaa      300
atgaagctgc caaatatgat ctaaaatata taggactaga tgggaacatt gcctgctttg      360
tgaatgggtg tgggctcgcc atggctactt gtgatatcat tttccttaat ggtgggaagc      420
cagccaactt cttggatctt ggaggtggtg taaaggaagc tcaagtatat caagcattca      480
aattgctcac agctgatcct aagggttgaag ccacccctgt caatatattt ggtggtatcg      540
tcaactgtgc catcattgcc aatgggatca ccaaagcctg ccgggagcta gaactcaagg      600
tgcccttggg ggtccggctt gaaggaacca acgtccaaga ggcccagaag atactcaaca      660
acagcgggact ccccatctact tcagccattg acctggagga tgcacg                      706

```

```

<210> 3395
<211> 699
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(699)
<223> n = A,T,C or G

```

```

<400> 3395
gnnnctaatt ctggctattg ttcttttttg aggatcccat cgattcgaat tcggcacgag      60
gcccagctac gatctatatg ctgtcatcaa ccactatgga ggcattgatt gtggccacta      120
cactgcctgt gcacgcctgc ccaatgatcg tagcagtcag cgcagtgcag tgggctggcg      180
cttggtttgat gacagcacag tgacaacggg agacgagagc caggttgtga cgcgttatgc      240
ctatgtactc ttctaccgcc ggcggaactc tctgtggag agggcccccga gggcagggtca      300
ctctgagcac caccagacc taggccttgc agctgaggct gctgccagcc agggactagg      360
ccctggccag gcccccgagg tggccccac gcggacagcc cctgaacgct tgccccccc      420
tgtggatcgg ccagccccc cctacagcaa catggaggag gtggattagc aggtccctgg      480
ctgatggggg ggactgggtt tgggacaccc acacagaggg ccagctcctt gccgcttctc      540
cttctctaac ccagaggaca ctggctctgt cagtgggaag ctgaggggta tgatttgggt      600
gtggagacct ctcaggttgg gacttcttgt cagcttggac cctgaccag tgggctttgg      660
cttctccagc cgccttcagt gctgcgtgat ttgattctg                      699

```

```

<210> 3396
<211> 1104
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1104)
<223> n = A,T,C or G

```

```

<400> 3396
tttcaacgct ggctactngt tcttttttga ggatcccatc gattcgaatt cggcacgagg      60
ttatgtctgg ctgtagctgt tggtcacgtg aagatgacag acgatgagct tgtgtataac      120
attcacctgg ctgtcaactt cttgggtgtc ttgctcaaga aaaactggca gaatgtccgg      180
gccttatata tcaagagcac catgggcaag ccccgagccc tatattaagg cacatttgaa      240
taaattctat taccagttaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa      300
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaanann naanaataan cntantncnn      360
nnanttnatn ncnancttct ccatntacna nnannttant nactacannt cncatcnnc      420

```

ttatcttctta	ataccnacc	nennatntna	ccatctaccc	tntctcaac	entccentn	480
natctcttn	ntenceen	ncaccctnc	nentcnantc	ctntatannt	ttctccctc	540
nectcggnn	ctngtntnt	tntctactgt	tntctntnta	nnetctcttc	tctnnetctc	600
ntnnetntct	nnancntnt	tnnccnctn	gctcnnct	ctnnctctc	tatcttccn	660
tntcncacn	ctctcatgca	attnnacnt	cncctnctnca	ncnattngac	tcnctctnn	720
atctntctgc	atcactnanc	nnennntnnc	ttctctctac	cnncantctc	ttntnnnnnt	780
nnnnennenn	cttatnacnn	nnennntnt	ntnnnnnactc	nntntntann	nnntnncann	840
nntnnnctc	tnnnennntn	ntnctntntn	nncttntnn	nntaccnaa	nnnnnnnnn	900
nnennntna	nntnnnatna	ntnnctntn	ctcactntatn	nnetctcnn	nanannnnc	960
netccctnn	nnatnnctn	cttnacatac	tctctatctn	nnnncaccnc	tacnancanc	1020
tnntntntct	nnnnntana	cnctnnnnna	tntnnngctct	cnnnncnca	netnttctnn	1080
nantnatctc	ttccccngnc	naac				1104

<210> 3397

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(811)

<223> n = A,T,C or G

<400> 3397

tttnnnnnntn	tnaatccctt	ngetaccncc	ntttgatnga	catacancta	cttggtcttt	60
ttgcagggat	cccatcgatt	cgaattcggc	acgaggaatc	accctcggct	gggaagtcag	120
ttcgnnctct	cctctctct	cttnttgntn	gaacatgggtg	cggactaaag	cagacagtgt	180
tccaggcact	tacagaaaag	tgggtggctgc	tcnagcccc	agaaagggtgc	ttgggtcttc	240
cacctctgcc	actaattcna	catcagtttc	atcgaggaaa	gctgaaaata	aatatgcnn	300
aggaaccccg	tttgctgctg	cccaactccc	aagtggcaaa	aaggaattgg	agaattcttt	360
aggttgctcc	ctaaagattc	tgaaaaagag	aatcatattc	ctgaanaggc	acgangcagn	420
ggcttaagaa	aancaaagag	aaaagcatgt	cctttgcaac	ctgatcacac	aatgatgaa	480
aaagaatata	actttctcat	tcantntntn	ataacgnctc	cttggtttacc	ctgggtattct	540
agaatgtaaa	tttacataaa	tgtgtttgtt	ccaattagct	ttgttgaaca	agcattta	600
tnaaaaaant	acgtttaaat	ttagatgttc	aaaaggagnt	gngaaatttg	agaatnnngta	660
agactaatta	tggnaactta	gcttagtatt	caatataatg	cattgggtggg	gtttctttta	720
cccaaattaa	ggggtctagt	tctttgttaa	aatcaagnca	tttgcatctg	tggttctaaa	780
tacaagtatt	gttgcttttg	agaattgctt	a			811

<210> 3398

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3398

nnnnnnnnntn	tgaaancctt	nggctacttg	ttcttttttg	aggatcccat	cgattcgaat	60
tcggcacgag	attctctcaa	taatggccag	ccgaaaagta	cgcgctgcc	ggcatctgcc	120
tccgcggagt	cattaaactc	ccacagtgg	cacccactg	ctgatgtaca	gactttccag	180
gcaaagcgcc	atattcatca	acaccgtcag	tcttactgta	attataacac	tggagggtcag	240
ttagagggca	atgcagccac	ttcctatcag	aagcagactg	acaaaccag	ccactgtagc	300
cagtttggtga	cacctccg	gatgaggaga	cagttctcag	cacccaatct	caaagctgg	360

```

cgagaaaccc agtataaatc agttctggac aaacttgaaa tcatggtgga agaaacagac      420
agtgttagct catgatttga tttggttcta cctttggcct tgagttctta ttattttacat      480
tataaatatt aactgggttt atattgntaa gacaaaacac tggtaaaagt ttcaacacct      540
cccttttgc tgtataccat aaatgggcag nttctgaaat tttggataaa gcatcaagaa      600
ctcctttttc tgaaacgttc ctnccttttt agtgccaat taatatactt acttaccnng      660
gannnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn aaaaactcgg ccttttaaaat      720
ataggggggn gnnttacnna aatccaann                                749

```

```

<210> 3399
<211> 810
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (810)
<223> n = A,T,C or G

```

```

<400> 3399
canctcttgt ctttttgcgg accctcgttc gaattcggcc gagtaagaat ccccccccca      60
tcaattttca ggaatgggat ggtctagtaa ggataacctt tgtaggaaa aacaagacac      120
tctctgctgc atttaaatac agtgcagtgc aacaactctt ggaaaaaac tacagaattc      180
actgttcagt ccataatatt ataataccag aagatttcag catagcagat aaaatacagc      240
aaatcctaac cagcacaggt tttagtgcac acgggcccgt tccatggaca tagatgactt      300
catcagattg ctacatggat tcaacgcaga aggtattcat ttttcctagg tatttggaag      360
acagaaattt tcaaggtcaa gaaaagaaat gaattttgta ttttttgat ttgagaagat      420
aatgcttttg ctttactgag acattattta cttgactatt tttggtcaat actactactg      480
ntgncaccat ttatgattct gaatttaaag gtggaaagggt ctaagtatca aagggttttaa      540
tatataatgc tggncacaatc tattcataat aatcttcaag gtcaggagcc cgcagagacn      600
cncaactttc cacttatcat ttctaacagt ttattgnata aaggatggta cctctttcta      660
ttttacnngg naatatacct ggaaagggcc ttcttttang gnccttttaa cctctggggt      720
ccctcccggt naattaaaaa aagggtttaa attnttgaaa aaaaaaaaaa aaaaaaaaaa      780
cctcgggggg ccttttaaaa actttttggg                                810

```

```

<210> 3400
<211> 780
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (780)
<223> n = A,T,C or G

```

```

<400> 3400
gnnttnannc cnttttnatn cnentncagc tcttgttctt tntgcaggat ccctcgattc      60
ganttcggca cgaggtgagg ctctcttaan aaatttaaaa atactgnnga acaaaggag      120
gagtttgtct taatctggag tggaggaaac ttctgngtca cnaacacag aaaccatcaa      180
agaaaatctt tcactttcna aattagtcta tacaaaaaaa aangaaaatc ttaccccaaa      240
tnanagactg aggcattgagc ttcaatcaat cgangtttac tggecnagat tngagcntgc      300
ccagnaaagc aacacaagtc aaagaaacgt ctgtggcctg tgctctccca aaaagttttc      360
aggaggctca anatttgtac atttctttaa anggganaag acagtggagg anattggttat      420
gtttttgtga gactcttant tagtgtcccn tgaatctaaa ctntntggaa natagggtga      480
acactgnaag ancaggaggt gacataanaa ccaattatgc nacacgtctc atgttacgtg      540
gaggaatgan gntctcatct tatecttgtt ctgcccctgn gcagataaac ttgttattga      600
cattgtcagt ntgaaattta acagactttt gtttttangag ttaagtttan ggtgcacacc      660

```

```

taanatgcac ttggcatgtn ctttgttnt tggaggatat ncatnctgaa ggtttagggg 720
ctgccaaana atttactgct gaccanttgg gattgcagtc cctggagatt catgaggctt 780

```

```

<210> 3401
<211> 780
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(780)
<223> n = A,T,C or G

```

```

<400> 3401
gnnttnannc cnttttnatn cnentncagc tcttggttctt tntgcaggat cctcggatcc 60
ganttcggca cgagggtgagg ctctcttaan aaattttaaaa atactgnnga acaaagggag 120
gagtttgtct taatctggag tggaggaaac ttctgngtca ccnaacacag aaaccatcaa 180
agaaaaatctt tcactttcna aattagtcta tacaaaaaaa aangaaaatc ttaccccaaa 240
tnanagactg aggcattgagc ttcaatcaat cgangtttac tggccnnagt tngagcntgc 300
ccagnaaagc aacacaagtc aaagaaacgt ctgtggcctg tgctctccca aaaagttttc 360
aggaggctca anatttgtac atttctttaa anggganaag acagtgaggc anatgggttat 420
gtttttgtga gactcttant tagtgtcccn tgaatctaaa ctntntggaa nataggggtga 480
acactgnaag ancagggagt gacataanaa ccaattatgc nacacgtctc atgttacgtg 540
gaggaatgan gntctcatct tatecttggt ctgcccctgn gcagataaac ttgttattga 600
cattgtcagt ntgaaattta acagactttt gttttangag ttaagtttan ggtgcacacc 660
taanatgcac ttggcatgtn ctttgttnt tggaggatat ncatnctgaa ggtttagggg 720
ctgccaaana atttactgct gaccanttgg gattgcagtc cctggagatt catgaggctt 780

```

```

<210> 3402
<211> 789
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

```

```

<400> 3402
gnttttnnnnc nnttttaatn tacatacanc tacttggttct ttttgcaggg atcccatcga 60
ttcgaattcg gcacgagggg acccccacca ttaagctaaa gtaaaaccct ttgaggggaa 120
gagggagact ggggagaagg gaaaagagag aaggcagggg gagtagggag agaaaacctt 180
ccagcagccc agtaaaactgc gggcgaagag atctaccctg ctccctccct cccacagtta 240
ccattggcct tgtcatcgca agcatttgac aaagacttgc ttgtttgggc ctgtcacctc 300
ctgaaaggct gcttttagctg tggatgcctt tgattaaggg agagagcgcc taggagctgc 360
ctgcccanc tggggtgacg gctgtagggc tgggtctatg ttgcaagccc tatatcttan 420
catgcagtgg aaagtgetta gctctctccc tctgacctc tgggcagcca gtcacaaag 480
cagagagacg tggcggcatg tgggcagcat gccaggttc cttgctgact cagcacttat 540
ttctgtagtt ttaaaaaaga atttaatggt tttggttgta tttttttggg ggggtgaggg 600
tgggcaaaaa catgggggta gttctgagtt gttagaaatg tttctgaatc aagtttgttt 660
gaaaacacgt tgtgcctttg taccatttat aagatggtca taanacccaa gaactgataa 720
gctttgggtt ttttttggtt tgggttggtt ttttgcttca ttttaccat tcatgcctag 780
ggtttccat 789

```

```

<210> 3403
<211> 778

```

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 3403
 gntttaannc nntttaata tncatncanc tacttggttct ttttgcagga cccatcgatt 60
 cgaattcggc acgaggaac ccccaccatt aagctaaagt aaaacccttt tgaggaaga 120
 gggagactgg ggagaaggga aaagagagaa ggcagggaga gtagggagag aaaaccttcc 180
 agcagcccag taaactgcgg gcgaagagat ctaccctctc ccctccctcc cacagttacc 240
 attggccttg tcatcgcaag catttgacaa agacttgctt gcttgggcct gtcacctcct 300
 gaaaaggctgc tttagctgtg gatgcccttg attaagggag agagcgccta ggagctgcct 360
 gccccagctg gggtgacggc tgtagggctg ggtctatgtt gcaagcccta taccctagca 420
 tgcagtggaa agtgcttagc tctctccctc ctgacctctg ggcagccagt catcaaagca 480
 gagagacgtg gcggcatgtg ggcagcatgc ccaggttcct tgctgactca gcacttattt 540
 ctgtagtttt aaaaaagaat ttaatgtttt tggttgtatt ttttggggg ggtgaggggtg 600
 ggcaaaaaaca tgggggtagt tctgagtttg ttagaaatgt ttctgaatca agtttgtttg 660
 aaacacgtgt gcctttgtac ccattataag atggtcataa gaccaagac tgataagctt 720
 tggttttttt tgtttggttt ggttttgctt catttaccca ttcatgccta gggttccn 778

<210> 3404
 <211> 779
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 3404
 caacgctggc tacttggttct ttttgcagga tcccatcgat tcgaattcgg cagaggctg 60
 agcagagtgc tcaagcgcac cggggacgaa ctggacagta acatggagct gcagaggatg 120
 attgccgccc tggacacaga ctccccccga gaggtctttt tccgagtggc agctgacatg 180
 ttttctgacg gcaacttcaa ctggggcccg gttgtcgccc ttttctactt tgccagcaaa 240
 ctggtgctca aggccctgtg caccaagggtg ccggaactga tcagaaccat catgggctgg 300
 acattggact tcttcgggga gcggctgttg ggctggatcc aagaccaggg tggttgggac 360
 ggcctcctct cctacttttg gacgccacg tggcagaccg tgaccatctt tgtggcggga 420
 gtgctcaccg cctcactcac catctggaag aagatgggct gagggcccca gctgccttgg 480
 actgtgtttt tctccataa attatggcat ttttctggga ggggtgggga ttgggggaca 540
 tgggcatttt tcttactttt gtaattattg gggggtgtgg ggaagagtgg tcttgagggg 600
 gtaataaacc ttcttcggga cacaaaaanaa aaaaaaaaaa aactcgagcc tntagaacta 660
 tagtgagtcc gtattacgta gatccagaca ttgataaaga tacattgatg agtttggaca 720
 aaccacaact tgaatgcant ngaaaaaat gctttaattt gggaaatttg gngaagcnn 779

<210> 3405
 <211> 803
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(803)

<223> n = A,T,C or G

<400> 3405

nnnnnnnnntt	taaatnccat	tnntttctnn	nnnttttnat	ntanatacan	ctacttggtc	60
tttttgccagg	atcccatcga	ttcgaattcg	gcagaagatt	aaaccgggtt	ctgtgggcac	120
ctctgtcctt	gctgctggtg	gggaaggga	gccagatcca	gcacccctcg	gggggccatc	180
gggagtgtgg	ctgggggtga	agggggctct	gtggcaatat	ggggttgggt	agtgtgggtg	240
gcaggccatc	ccctctaate	ttggaacctc	tgaatatggg	acctcccaca	gcaaagggtg	300
actttgtcat	taanaaagac	tgggggtggg	gtgggtggctc	acgcctgtaa	cccagcact	360
ttgggaggcc	aagggtggga	gatcacgagg	tcaagagatc	ganaccatcc	tgncgaacat	420
ggtgaaaccc	catctctact	aaaaatacaa	aaaattagcc	gggtgtggtg	gtgggcacct	480
gtcgtgccac	tctaaggagg	ctgangcacg	anaatgggtg	gaacccatga	ggcacanctt	540
gcantgagcg	aanatcgcac	cactgnacgc	actncaacct	gggtgacaga	gcgagactcc	600
gtctcaaaaa	aaaaaaaaatt	tcaagactgg	agaggtnatc	ctgaattgtc	cagctacncc	660
ccatgtnatc	acagggcctt	catgacaggg	ncagagccac	canctttgaa	ganncngtcc	720
tncccccnaa	cangcagnc	gganaaactt	ggncangaca	agtaggacat	tcctggagcc	780
tccanaangg	actgggcttt	tnc				803

<210> 3406

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3406

caangctggc	tatcgttctc	tttgcaggat	cccatcgatt	cgaattcggc	acgagcctga	60
ggtcacatgt	ggatttggcc	agagccttca	ggaggtggag	gccggtgagg	tcaggagccc	120
agctctccag	ggggcttctg	ccctgactgg	gaagggtgcc	tggctcccta	aaacaatgtc	180
aaagccagtc	ctgctgttct	ctgttgccag	ggggcaggtc	tgggcctggg	ccaaccacgt	240
ttgttatcat	ggctgctgcc	ttctggacag	ctgccagctc	tgccttgaga	ggttgtggga	300
cctctggatc	cagctgacct	gacaggtcat	ctactcaggg	aggagccctg	tgctcccagc	360
tcagaggaca	gtctgggcca	gaactggaag	gagacatctg	tcccgtcttt	gagtgacaag	420
cccgggacaa	cagccagtgg	gcatcacggc	tctccagcac	tccttagccg	gaggatacag	480
agtgatgggt	gcatcctgac	caatgcgaca	accaacacgt	gctctcacia	acccttgact	540
cccgcacttt	ccagtgccaa	agtcaaacgc	tgcttggata	aggagagcaa	agcttctgga	600
actttattta	ctctntcttt	ttaattntct	tttaagagac	tgggtcttgc	tatgttgccc	660
aggctggctc	tgaactcctg	gcctcaagtg	atcctccagt	ttccatctcc	ctaagactgg	720
gattacaggt	gtgagcccg	tgtacccgaa	cttttttttg	tttttgcttc	ncg	773

<210> 3407

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(808)

<223> n = A,T,C or G

<400> 3407

gnnnnnnnnt	ttatttacat	tcagntatng	nnnttttgnt	ntaaatacan	ctcttggtct	60
ttttgcaggg	acccatcgat	tcgaattcgg	cacgagggtc	ctccctgagt	gtcaggaggg	120


```

acatgagtga aatgaaccagc gaactcattt tttataggac tcggtgaagc cggattctgc 180
atttcacctac ttgtagactc attttgtgga atagagttga tcgtgtctc ctcgcgaaag 240
cattttaact cgaataagca aatgccgcct ctggttgaaac gttttggtat ttacaagaga 300
gaatcatttt acctaagaga actaattgaa ttggcagcat ccttgaaata cctccggaca 360
aggatctggg ggtgggggtg gaaaagcaac tgcgaaatag cagacggaga aattcctttg 420
gaagttattc cgtagcataa gagctgaaac ttcagagcaa gttttcattg ggcaaatgg 480
gggaacaacc tatcttcagc actcgagctc atgtcttcca aattgaccca aacacaaaga 540
agaactgggt acccaccagc aagcatgcag ttactgtgtc ttatttctat gacagcacia 600
gaaatgtgta taggataatc agtttagatg gctcaaaggc aataataaat agtaccatca 660
ccccaacat gacatttact aaaacatctc anaagttttg gccagtgggc tgatagcccg 720
ggcnaacacc cgtttatgga ttgggattct tctctgagca tcattcttcg aaanttgcag 780
aaaagtttca gggaatttaa agaagctg 808

```

<210> 3408

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(803)

<223> n = A,T,C or G

<400> 3408

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tnnnnnttta tttcnttcgt tctngntttt attacatcag ctcttttctt tttgcgggtcc 60
ctcgttcgca attcagagac acacataaga aactggaaga agagaaaggc aaaaaggaaa 120
aagaaaagaca ggaaattgag aaagaacgga gagaaagaga gagggagcgt gaaagggaac 180
gagaaaaggcg agaacgggaa cgagaaaggg aaagagaacg tgaacgagaa aaggagaaag 240
aacggggagcg ggaacgagaa cgggataggg accgtgaccg gacaaaagaa gagaccgaga 300
tcgggatcga gagagagatc gtgaccggga tagagaaagg agctcagatc gtaataagga 360
tcgcagtcga tcaagagaaa aaagcagaga tcgtgaaagg gaacgagagc gggaaagaga 420
gagagagaga gaaccgagag cgagaacgag aacgggagcc gagagagaga gcgagagagg 480
gaaccgggag cgagaaagag aaaaagacaa aaaacgggac ccgagaagaa gatgaagaag 540
atgcatacga accgaaaaaa aaaaaaaaaa aactcgagcc tnttaactat agtgagtcgt 600
attacgtaga tccagacatg ataagatata ttgntgagtt tggacaaccc ccacttgaat 660
gcagtgaaaa aaatgctttn tttgtgaaat tttgngatgc tnttgctttt tttgtaacca 720
tttttagctt gcaataaaca agtttnccac caaccanttg cnttcatttt nttntttcan 780
gttcaagggg aagtttttgg aag 808

```

<210> 3409

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3409

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tttatataca tcagttcttg cntttttgnt ngactanagc tcttgncttt atgcaggacc 60
ctcgattcga nttctgnncg agtctctctn tctctctctg tgtctctcgg aactgggtcc 120
ctgggctgac cggagccggg agaacaacct ggccctcagg agagagacgc taccgggctt 180
acgccacccc ctctnctcaa cacaagccca aactgctacc cgcgaggtgc aagtaagcgg 240
cacctcagaa gtgtctcggg gccctgaccg ggccgaggtg gtggtgcagt gacgagcacc 300
aaggaggcgg cagccgagcc aaaaagagcg tttgtcgccg tctagattac atcacgcaga 360

```

```

gctccagca ncagggcggtg cangcagaaa atataactgt gacaaaggat tttaggagag 420
tggaaaatgc ttatcacatg gaagcagagg tctgcattac atttacttga atttggaaaa 480
atgcaaaaata tttgtaactt tntttgttga aaagctaaga tagctnttgt tgatcatcagc 540
ccaccccgagt tcttatcata ctccagggtt ctgggttgana atcttcgacg gcaagcctgt 600
cttggttgctg ttgagaatgc gttggcgcaa actcaaagaa gtcttgtnaa ccttggtggg 660
ccaaacctta ngaaaacctt ttacttaatt cnaaggaaga agnaaacaca aggaattggg 720
gaagggccaa atagatgatt naccnagttc ntccagact tcttcaagtt caattaactt 780
cnaaccaaa aaaaatcaaa agtggcaacn aatncattgc ttn 823

```

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<210> 3410
<211> 795
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(795)
<223> n = A,T,C or G

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<400> 3410
catnngttt cnagccttt tganatacat tcagctactt gttctttttg caggatccca 60
tcgattcgat ttgactaaat cattgtttca caactgaata gtcttggtct tttagtagca 120
atgaaatcct aagctcttga ggccattcac ctgccaacct gaccatactg ctttcaaaaag 180
tctttttctca tcagtagaat ctattttggt cacttctagt caatgaaaaa tgtaaacttt 240
taggagagaa tgtttcctag gactcaccca ctccattcaa tgttacatta aaatagtgtg 300
atcaatcaca atgtccatct ttagacagtt gggttaaataa attatctggt ctttgaaaag 360
accgtgctgg gcgcggtggc tcttgccctgt aatcccagca ctttgggagg ctgaggcggg 420
cagatcacct gagatcggga gtttgagacc aagcctgacc aatatggaga aacctgtct 480
ctactaagaa taaaaatta gctgggcatg gtgggtgcag cctgtaatcc cactacttgg 540
gaggccgagg caggagaatt gcttgaaccc gggaggcana ggttgagatg aggtgagata 600
gcgcatttgc actccaacct gggcaacaag agcaaaaactc tgtctcaaaa aaaaaaaaaa 660
aaaaaaaaac tcgagcctnt aaaactatag tgaggcgtat taccgtagaa tccagacatg 720
ataagatata ttgatgaagt ttggacaaac cccacctng gaatgcngng naaaaaatgc 780
tttatttgtg naaat 795

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<210> 3411
<211> 778
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(778)
<223> n = A,T,C or G

```

```

<400> 3411
gnnnnnnntt taaantccat acagttttcaa gncctttttg aaatncattc agctacttgn 60
tcttttttga ggatcccatc gattcgaatt cggcacgaga gtccacatta aaaagaaaac 120
aaaacaaacc ctaactaact tccaaatggg tctcctggtg cgggggctg agtgccctg 180
ccctgggtgt gctgctgtc tgagcaagct tccttagctg tggaaccccg ggccccctgc 240
tgccgggtct gccttggtgt catgctgtc gcacccccgt ttccactgac gtgcccgtctg 300
tggctatggg gtggtcactg gaatgacggt cactccagac gtcagccggc agggatgcan 360
caggctggcc gcgcaccggg gctcgggcac cctctggccc cacactggca atgatgccac 420
accttgccat gtccacgctg ttggtcaaac ccctctgtca tgcctcttta aagagaaaag 480
aagagaaaaga tttttttttt taatggcana ccgaaatgga gatctttag cctanatagg 540
atagtctgac cttctancat agtctttttg gcaaattgatt tgtgttttca gtgtgtgggg 600

```

```

aanctgtcct gggggctggg ggcacagata gcacataagc tgtttntggg gctgcanggg      660
ctncttgact ggatgttggt ggtgttgccn gcttnagaat gtggcnacaa aaagcgtana      720
ccggggccag gtntgcgcgc tgagctggct ccnaagntg ggttgntcan cgttattt      778

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<210> 3412
<211> 869
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(869)
<223> n = A,T,C or G

```

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<400> 3412
atttcaaaaa ctcttgcctt nttaaanacc tnnegntact cgatcntnca cgaggaanga      60
ggacctaggg acacacatat ggtggccaca cccaggaggg tagtgngag ttagatttna      120
gagtccaggg cctaggttgg gaccactcc aaataatctc ctcggtgtgg gtggtggttn      180
tatanangga taaatgaata ataaacattn ntaaaatata cgctattcct tgntggaaat      240
gctgtgtgca cccccgttcc cantgacntn ccgaangngg ntatnnggtg gtcantggaa      300
tnacagtcaa tccanangtn anccngcngg gntgcatcaa gctgncctcg cacctgggnt      360
nnncaccctc tggccacac tggtnatgat gccacacctt nccatgttca cnetgtttgg      420
aaaaanncct tttnttttcc tcttttaaag agaaaacatt ganaaagatt ttttttttta      480
atgggceggc ccnaaaaggg agatctnccc ncccttgtat atnatantnn tgaccctncc      540
tacnaagang gcgttttttg caaaatnatt nttttntttt tcnegnggtg gtgggggaaa      600
aatttttctt gggggggggc ttngnngccn aactnttaat tttccccatt aaggcaannt      660
ttctttgggg gnetttcccc nggggcttaa ncnttaaact ttggaatttt tntnggggtt      720
ggttngnccn taaattttta nnaaaatggt ngtcnaacce aaaaaaaaaa ntnacccccg      780
ggggccnaan anttttncc ccccttggga ngccttttan tttccccac aaactttttt      840
tttttccctt ccaaccnctt ttattctttt      869

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```

<210> 3413
<211> 807
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(807)
<223> n = A,T,C or G

```

```

<400> 3413
nttttattta catanagntc ttgccttttt nnanganata canctacttg ttctttntgc      60
aggancccat cgattcgaat tcggcacgag gccacnanca ggtggggggc aggacgccnn      120
ggnnctgacc gcctccacta gagggnggtg gccgcggggc gacctggacc ttnannccnt      180
gtccngacct nccggtgggt ggggtgcgcen gggagccngc nacattcctt nttcttganc      240
agccaaanat tggagtncna ttcnnncnang nacntttntt tttttngat cangagtgtg      300
tncaacgtac ncccctgcct nngnaagccc tgantccntn atggagcctc nnagagtggg      360
gagcatattg ggggtgggta atgcactnca nccaagnnga atgnacacaa ngggntcgtc      420
naangnnntg nggnccctt nacccttac caccatgtgn ngntngnctc tgtggttgaa      480
catcnnactn gtncgcaaan gganactnac tntaaaacce tttgnacnan ggtgcnaaac      540
cacagntgtg nccngncna nctanccatc naaagaatna caaaaccnctn tnaggggcng      600
ngggcnancn ntncctcttg tcnegncctg tnttgantg gcttttcggc ttaaacagtg      660
aggctcanaa nggnncnaac ctggggtgnt aataaaaaga acnaattaag anactnttcc      720
ctccnaccce ctttctcttg tngccagggg gcancaaact ngattnttga agcccaanat      780
aaaaaaaaag cttnatatcn nggaaaaa      807

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<210> 3414
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 3414

tntcnttcaa	atngcttggc	tctcgttctt	tctgcaggat	ccctcgattc	ggaaatatag	60
agagatgtgg	gatttgaatg	cccatgaaag	acatttttatt	ttaettgaat	atattcttgc	120
ttcactttac	cctccataat	atgttgtaca	ttagtgctga	tcaagtttac	agagttacat	180
tttgctttcc	taaccattca	gtcaggaatt	aaaatatggc	attgtataac	aactgggaag	240
aagctcatag	tggatataaa	ttagagtaga	taatgggtca	ccttgatagc	ctctgtttac	300
attacttgta	tatgggcaaa	ataattatta	cctatacgtg	tatttaagct	taattttcat	360
ataaacagta	tttttaatct	atgttaaaat	agataatatc	taaaagtgtg	atctctaggt	420
agtccttagt	ttattagtac	tgtacttcaa	aaagattttt	aaatagggtc	ggcacggngg	480
ctcatgcctg	taatcccagc	actttgggag	gctgaggcgg	gctgaatcac	ctgaggtcag	540
gagttcgaga	tcagcctgnc	caacatgggt	aaacctgtc	tcaactaana	atataaaaaat	600
tagcccgggc	cgtgggtggc	ggcgctgta	atcccagcta	ctcgggaggc	tgangcagga	660
gaatcacttg	aaccaagggt	gcagaanctg	canttaagcc	aagatcgcat	cattgn	716

<210> 3415
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 3415

tttttaaaana	aancaggntt	cctaattcctt	gttntnnnga	nacaggctac	ttgttctttt	60
tgcaggatcc	catcgattcg	aattcggcac	gagattctct	caataatggc	cagccgaaaa	120
gtacgcgctg	ccaggcatct	gcctccgagg	agtcattaaa	ctcccacagt	ggtcacccca	180
ctgctgatgt	acagactttc	caggcaaagc	gccatattca	tcaacaccgt	cagtcttact	240
gtaattataa	cactggaggt	cagttagagg	gcaatgcagc	cacttcctat	cagaagcaga	300
ctgacaaacc	cagccactgt	agccagtttg	tgacacctcc	gcggatgagg	agacagttct	360
cagcacccaa	tctcaaagct	ggtcgagaaa	ccacagtnta	aatcagttac	tggacaaact	420
tgaaatcatg	gtggaagaaa	cagacagtgt	tagctcatga	tttgatttgg	ttctaccttt	480
ggccttgagt	tcttattatt	tacattataa	atattaactg	gttttatatt	gttaagacaa	540
aacactggta	aaagtttcaa	cacctccctt	ttgcttgat	accataaatg	ggcagtttct	600
gaaattttgg	ataaagcatc	aagaactcct	ttttctgaaa	cgttcctcct	tttttagtgc	660
ctaattaata	tacttactta	cacggaannn	annnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnaaaac	tcgnnccttt	aaaactatag	gngtgcgttt	acctaaatcc	aann	774

<210> 3416
 <211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 3416

tntcattcaa	gtncetaangc	tggtcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gactgctcct	tcattcccaa	gaagaaaaga	caagtactgc	tacttccaaa	actcagacac	120
gacttgaagg	tgaagtgact	cctaattcct	tgtcaaccag	ctacaagaca	gtgtcattgc	180
cattaagctc	tccaaacata	aagctgaatc	tcactagccc	taaaaggggt	cagaaaagag	240
aagaanggtg	gaaagaagtt	gtacgaaggt	caaagaaatt	gtctgttcca	gcctcagtgg	300
tgctgaggat	aatgggaaga	ggaggatgca	acatcactgc	aatacaggat	gttactgggtg	360
cccatattga	tgtggataaa	canaaagata	agaatggcga	gagaatgata	acaataaggg	420
gtggcacaga	atcaacanga	tatgcagctc	aactaatcaa	tgcactcatt	caagatcctg	480
ctaaggaact	ggaagacttg	attcctaaaa	atcatatcan	aacacctgcc	ancnccaaat	540
caattcatgc	taactttctc	tctggagtag	gtaccacagc	agcttccagt	aaaaatgcat	600
ttcctttggg	tgtctcaact	cttgtnactt	cacangcaac	aaccgttata	tacgttccca	660
ccccgcta	aaacttaata	agaatgttct	tagaaaaaaa	atntnaaaan	ctcgact	717

<210> 3417

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3417

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aattcggcac	gagcctgttt	ccaggagata	tgtgtgncca	tcagcagtga	taaaantctt	120
gggcaggagt	tattgcactg	tttgtatgat	cnanaccac	ctnctctgct	ggaaacaagc	180
agegtgantt	gntcacttgc	ctttcnnagn	cncatattggc	cagntgcttg	nangngaacg	240
gatccacaga	acctcacagc	tatttatgat	ancatctgct	nnattatntc	aagttcancn	300
tgtnnnnacn	tgctgntnna	ggtaannngn	gtntntntca	agntntttgc	aangngatga	360
caaactaatg	tttgaatnng	tcatgataan	ggggcncctn	atactctgga	ncatcnccaa	420
netgantnng	aagagctgcc	ngmntatctg	ntagtgncc	gctncttgaa	attnccaaac	480
anntgccttg	ntggaaatc	atnatggctg	gatgtttang	ngnacatttt	ncaantnctt	540
antnnncang	atgatggaat	tcnnncnate	naacatnctn	tncgctngnt	anacttnnna	600
tnactnnann	gnctntnntg	cnatnatnng	ncnctctgtg	atcatccatc	atnatctang	660
cntcaagtnn	ctaacctngn	ttngaagttg	tngcaccann	ttnt		704

<210> 3418

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 3418

tntnctnaa	atcatngctc	ttgttctttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gagagggtgg	ggtctggcca	cataggtacc	tctgtggctc	tggtctgggg	ttagacactg	120
ttaggggacta	gcatttattg	gacttgtaaa	gacagcacct	cagaattagt	aactacttgc	180
atthtaggggt	ctgtttctatg	aagccaacaa	gtgaatgtaa	aataggctct	gcactttttc	240

tgagagccct	gtcactgggc	agtgagcatt	tccaaaattg	cagctctgtc	anaatgaacc	300
atgaatactt	aagaaaggga	aagtaggaac	agggagcaga	gcaaagcata	acttgctgtg	360
ttccagggat	ttaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgatca	420
ggaacttttt	gtaaatgaaa	aagttcacaa	tttggaaaaa	acagtgctag	atgtgttatg	480
gaaattgtta	tcacaaatta	ttccactgaa	actcaagtat	ataagacaac	aatatattgc	540
tgtgaaatct	taattttgac	atatggaagg	gtaccaaaaa	taagaaccat	cctttttgct	600
tgaantgcac	ggtggtacca	atttctaaaa	tangaaacat	tangcaaaaa	aaanattnnc	660
ttttnnngctt	naaantanaa	aaanctngnn	cctttttaa	cttngngg		708

<210> 3419

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 3419

tntncttnaa	atcatngctc	ttgttctttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gagaggggtg	ggtctggcca	cataggtagc	tctgtggctc	tggtctgggg	ttagacactg	120
ttagggaacta	gcattttattg	gacttgtaaa	gacagcacct	cagaattagt	aactacttgc	180
attttaggggt	ctgtttttatg	aagccaacaa	gtgaatgtaa	aataggctct	gcattctttc	240
tgagagccct	gtcactgggc	agtgagcatt	tccaaaattg	cagctctgtc	anaatgaacc	300
atgaatactt	aagaaaggga	aagtaggaac	agggagcaga	gcaaagcata	acttgctgtg	360
ttccagggat	ttaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgatca	420
ggaacttttt	gtaaatgaaa	aagttcacaa	tttggaaaaa	acagtgctag	atgtgttatg	480
gaaattgtta	tcacaaatta	ttccactgaa	actcaagtat	ataagacaac	aatatattgc	540
tgtgaaatct	taattttgac	atatggaagg	gtaccaaaaa	taagaaccat	cctttttgct	600
tgaantgcac	ggtggtacca	atttctaaaa	tangaaacat	tangcaaaaa	aaanattnnc	660
ttttnnngctt	naaantanaa	aaanctngnn	cctttttaa	cttngngg		708

<210> 3420

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 3420

tntcattcaa	gtncctaangc	tggtcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gactgctcct	tcattcccaa	gaagaaaaga	caagtactgc	tacttccaaa	actcagacac	120
gacttgaagg	tgaagtgcct	cctaattcct	tgccaaccag	ctacaagaca	gtgtcattgc	180
cattaagctc	tccaaacata	aagctgaatc	tcactagccc	taaaaggggt	cagaaaagag	240
aagaanggtg	gaaagaagtt	gtacgaaggt	caaagaaatt	gtctgttcca	gcctcagtgg	300
tgtcgaggat	aatgggaaga	ggaggatgca	acatcactgc	aatacaggat	gttactggtg	360
cccatattga	tgtggataaa	canaaagata	agaatggcga	gagaatgatc	acaataaggg	420
gtggcacaga	atcaacanga	tatgcagctc	aactaatcaa	tgactcatt	caagatcctg	480
ctaaggaact	ggaagacttg	attcctaaaa	atcatatcan	aacacctgcc	ancnccaaat	540
caattcatgc	taacttctca	tctggagtag	gtaccacagc	agcttccagt	aaaaatgcat	600
ttcctttggg	tgctccaact	cttgtnactt	cacangcaac	aaccgttatc	tacgttccca	660
nccccgtaat	aaacttaata	agaatgttct	tagaaaaaaa	atntnaaaan	ctcgact	717

<210> 3421
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (743)
 <223> n = A,T,C or G

<400> 3421

tcttccattt	naagcccttt	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagag	aggggtgggt	ctggccacat	aggtacctnt	gtggctctgg	tctgggggta	120
gacactgtta	gggactagca	tttattggac	ttgtaaagac	agcacctcag	aattagtaac	180
tacttgcatt	ttanggtctg	ttttatgaan	ccaacaagtg	aatgtaaaat	aggtctctgca	240
tcttttctga	gagccctgtc	actgggcagt	gagcatttcc	aaaattgcng	ctctgtcaca	300
atgaaccatg	aatacttaag	aaagggaaaag	taggaacang	gagcatagcn	aagcataact	360
tgctgtgttc	canggattta	aaaataaatt	actgtcnaga	gcaatataag	ggcatgggt	420
ttgatcagga	actttttgta	aatgaaaaag	ttcacactt	ggaaaaaaca	gtgctagatg	480
tgttatggaa	attgttatca	caaattattc	caactgaaact	caagtatnta	anacaacaat	540
atatacgtgt	gaaatnttaa	ttttgacata	tggaaangtn	accnaaaaaat	tttgaaccca	600
taccttnttg	gcttnaaatt	gcanggtggg	taccnattt	nttaaaaaatn	annanacctt	660
tnnnnccaaa	aatnaacttna	tntacaaaaa	aattttccnc	ggnccatggt	taanaacctt	720
gnncnccttt	ttnaaacctt	tac				743

<210> 3422
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (738)
 <223> n = A,T,C or G

<400> 3422

tcntcgtttn	natncttgga	aatttgnana	tngetagget	actngntctt	tttgcaggna	60
tcccatcgat	tccaattcgg	cacgagcctt	ccacggttat	ttcacagata	tgagagctg	120
gaagcagggg	gtgagtcctt	gagtgttgga	attgtaaggg	atcagaagca	gggatcagaa	180
gcagtgggtg	agttcatcca	ccataaaaaca	cacaggtgac	tttgccctga	atctgcagga	240
ctgaagccaa	ctcttgggca	cagaccctta	gtcccttctt	tgccactct	aagtcagata	300
gtccagagcc	aggccctttg	ggatgtgaca	ccgagataaa	tcatagaaaa	gctgtgaagc	360
ttgggggaaca	gagggacttt	tggtgaagta	ggtggtctgc	agtttctatc	ttcttgggaa	420
aagcaagctg	gaaaagtga	cagtgggttg	taggccatag	tgctcccagc	tggttgacat	480
aatgaccaca	cagcacagt	atgttattag	caactgtgtg	gnggantant	tgtgggctgg	540
acaaatcaat	cgtgtggaaa	ttgttaggag	tnntattaca	ttaaacttgt	taacctaaaa	600
taccatnnaa	aaatanaatc	ngnnntaaaa	cnancntata	nggatgtnan	aanaactcga	660
gcttctaaaa	ctntagnnga	gcctttgtta	cgtanatccn	ngacatgnnt	aagatacatt	720
ggtnagtttt	ggacaant					738

<210> 3423
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>

<201> misc_feature
 <222> (1) ... (774)
 <223> n = A,T,C or G

<400> 3423

ctnntttntt	ttngaaneet	tngetcttgt	tcttttttgcg	gateccatcg	attcgtgaag	60
aggagacggg	gacctgggct	ccttatgtgc	ctgaaaagagt	ttgagtttcc	tgtaaactcc	120
aaatcaacag	tattttcaac	aagaaatgtg	caattgaaat	caagtgtctg	ttaagtgcag	180
ctaggatttc	cacaggaaga	cacttgcagt	gaacagagtt	atggagcagc	aaaaacacag	240
atctatttgg	aaaaagagaa	aacatatgcg	ttgtattttg	cttcaattat	aaaataccat	300
cctctcaaag	gtggttctaa	attacaaagg	actttgattt	ctaggtagat	tctgggtaga	360
gacttccctt	catattgagg	cattaatgac	accttttaac	ctgggaagca	atatgactgg	420
agttgtactt	tgagaagatt	aatcagggtt	ggttgcagaa	tgaaagagaa	gatgaagtca	480
agagattggg	ttagaggctc	tagcagaagc	ttagtcatat	ttcaaaatga	tcaaatatca	540
agaaaaatcc	tgagctgcat	aacttgtata	aagtaatttt	cagtgatatt	ttcatgggta	600
tgatnaaaga	actggattta	nccagaaacc	tttacctgga	ttcaagattt	aatttttccct	660
ttgagcctca	tccttaaagg	attttcggga	aaacattaag	gggagccaaa	nccnattggg	720
tggttgggcn	tgccctnaa	ttgcctttgg	acttttttaa	ccgggctttt	gnnn	774

<210> 3424
 <211> 796
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (796)
 <223> n = A,T,C or G

<400> 3424

gccnccccnn	tttngntctc	aacttgtacc	ctttttgcan	nanncgnnc	tncttgcagg	60
ntcccatcga	ttcgaattcg	ccacgangtt	atattaaatt	attctttggt	tttctttttc	120
ttttaataaa	gcctgcaagt	tactaaattg	tagtttcata	aattctgtag	taaagtatca	180
tcttggcagt	gtgccaaaagg	tgaaaatgat	gctttctcta	acagagaaat	tcttagtgac	240
tccagtcgta	gaaaaacgtc	tttacaacct	gaataagatt	gaagaattgt	gaacatacca	300
tggcctattg	gatgaatcat	ttgccgtagg	ctaaatcaga	ctgtagggtt	tgtgatggat	360
ttatggagta	tgtgggtata	gaaatcatga	atctagcatt	tgttttcaga	gattcaagca	420
tagtcttaag	ggtanatcag	aaatgacaaa	tgaattcaaa	acctagcagg	tgcatgtgna	480
atgtgtgccc	agttntgttt	tggaaatggc	agttccttgg	ggcatggtt	ctactggcaa	540
aatttgcaat	antgtntctat	tgtntgtaat	ttcaaaattt	ataagattat	cccccgctcg	600
cccaagtaaa	acctgtntctg	cccaatanaa	tcctggantc	gnngagaaat	cgcntccatt	660
cgnngntcaa	ctcgggatnc	ntcgncttaa	naaaatnttn	tccnggancc	ccntcatnan	720
gaanaacacc	anactattnn	gggnacctgn	aangctcaat	ngcccnngcc	ncnnangncn	780
nttttcnngg	naannnn					796

<210> 3425
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (736)
 <223> n = A,T,C or G

<400> 3425


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ctacttggtc tntntgcagg atcccatcga ttccgaattcg gcacgangtc actctgtcac      60
ccaggctgga gtgcagtggt gtgatcatag ctcaactgcag cctctacctc ctgacacaag      120
ctgtcatccc gctttggctt ctcaaagtgc taggattata ggcgtgagcc accatgcccg      180
accagtttct gcttttatta aaattgttca cagttttata cattcatggt cattaaaaat      240
gctattttag aaagagtttg ataaaataaa tattatacaa aattcgaaga aaaaagaaaa      300
gagtttctgt ttcagtcaca aattaggggt attgtgatgt gtatttatga tgaccattga      360
acaaatgtga agaatactgn gaattctatg actttatcaa aatcagccac atencaggag      420
cttgacgttg ttgaccaa ataatgatgac atagagtagn tcagatctat catgtgctct      480
tctatcta atcagtcaca tttccttggg cctcaagcca acattcattt tttatgtata      540
acccttcttc atgattntna aatnttgata gggtaaactg ctaatgagtt tcacaaatgt      600
agcactttta aaaggaaaaa tnnnatggan agtgaaaaca acttgccctac ctataattgt      660
gggtctctaa tctttctggg tttaaaaann aaaantggca ttgctagggt tcnnaancan      720
aaaaannaaa aacnct                                     736

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<210> 3426

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (736)

<223> n = A,T,C or G

<400> 3426

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ctacttggtc tntntgcagg atcccatcga ttccgaattcg gcacgangtc actctgtcac      60
ccaggctgga gtgcagtggt gtgatcatag ctcaactgcag cctctacctc ctgacacaag      120
ctgtcatccc gctttggctt ctcaaagtgc taggattata ggcgtgagcc accatgcccg      180
accagtttct gcttttatta aaattgttca cagttttata cattcatggt cattaaaaat      240
gctattttag aaagagtttg ataaaataaa tattatacaa aattcgaaga aaaaagaaaa      300
gagtttctgt ttcagtcaca aattaggggt attgtgatgt gtatttatga tgaccattga      360
acaaatgtga agaatactgn gaattctatg actttatcaa aatcagccac atencaggag      420
cttgacgttg ttgaccaa ataatgatgac atagagtagn tcagatctat catgtgctct      480
tctatcta atcagtcaca tttccttggg cctcaagcca acattcattt tttatgtata      540
acccttcttc atgattntna aatnttgata gggtaaactg ctaatgagtt tcacaaatgt      600
agcactttta aaaggaaaaa tnnnatggan agtgaaaaca acttgccctac ctataattgt      660
gggtctctaa tctttctggg tttaaaaann aaaantggca ttgctagggt tcnnaancan      720
aaaaannaaa aacnct                                     736

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<210> 3427

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (774)

<223> n = A,T,C or G

<400> 3427

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tntntntntt nantngaacc ctttntctct gctctttttg caggatccct cgattcgaat      60
tcggcagcag cacaaggaga agaagttaat taacattgaa ngatgagaag acatcttgga      120
agaacttgaa ttgggccttg gaagaagaac agccattcaa atagatagaa ttgtggtagc      180
aaaggcatag aggtaggaaa gtatagatct ccagggacag tagtcatggg gttggggcac      240
tggttgaatt taagggttga aggatataatt ggagcccctt gaatacggta acaaggcaca      300
ccttgggcag tggagagtta tcagagtgtt tgaaaaggag gggtattgag taaataaata      360

```

gactgggtact	ttaggaattt	taaaatgtgg	atcattgtac	tactaataac	tattttatttt	420
atatttacta	tctactaagt	aattttacatg	tattttcttg	tactgactgt	aaaccttctg	480
ggtgtgggtg	ttttaagtgc	cattttactg	atnaagaaac	tgaggcttaa	atagttgaaa	540
taagtcaccc	tgtagtgag	tgccagaat	gacaagtcag	atctanggtt	tgtctaactn	600
ccaaagatna	tataaaaata	atggatctct	ccttttccct	tatgcataaa	atatggggag	660
cntttttaaa	tcattaccca	tncgattgnc	caaaaaaata	cctttnggga	aaactgatta	720
ttantattcc	anaataaatt	tcaacggcct	gcntngnctn	ctttacaact	ttnt	774

<210> 3428

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (740)

<223> n = A,T,C or G

<400> 3428

aaacantttg	ctcttgttct	ttttgcaagg	atcccatcga	ttcggccaac	ttcaattccc	60
ttttagtcat	ctacttccca	ctaacagctg	taactaggat	gagtcaaaat	caattgccta	120
tgctcaccag	atccctgata	aattcccatg	aagccacctg	aaaggtggta	aaagcaagggt	180
aaaacgtggt	gaaagcaagg	taaagaagggt	agatttcaca	attttgtttt	ttaaaaaggg	240
gaatcttccc	tgaattcttt	gaggtactaa	gtacgtgggt	taatgcatat	tttcattctt	300
gttagcagtt	taaaaataat	gtttcagaga	ctgtattcac	gattgctaaa	aagcattttt	360
tctactaatc	attgttcatg	ggacttaaca	atggaagata	actgggaaaag	cagtaaataat	420
aggaaaccac	taatagtgtc	tccttcttcc	taccttgacc	ctctcttttg	cttcagaaaag	480
tgacgaggaa	aatgtatctt	tcacaaagaa	aagttatacc	acagaangta	ctaaaaagca	540
acaactgcct	ttggggacag	gaaacttaca	gaggggatta	ttatagaggg	ataacatacc	600
gagtttctat	ttcaataaga	gggaaattgg	tttatattct	gttcacactt	gtttcaaaac	660
cctctcctct	aaaagcatgt	gttttttggg	attcaaggaa	tgtaccgttc	tttccccaac	720
ccttaaactg	gggggtcann					740

<210> 3429

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (743)

<223> n = A,T,C or G

<400> 3429

tcttccattt	naagcccttt	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagag	aggggtgggt	ctggccacat	aggtacctnt	gtggctctgg	tctgggggta	120
gacactgtta	gggactagca	tttattggac	ttgtaaagac	agcacctcag	aattagtaac	180
tacttgcatt	ttanggtctg	ttttatgaan	ccaacaagtg	aatgtaaaat	aggctctgca	240
tcttttctga	gagccctgtc	actgggcagt	gagcatttcc	aaaattgcng	ctctgtcaca	300
atgaaccatg	aatacttaag	aaagggaaaag	taggaacang	gagcatagcn	aagcataact	360
tgctgtgttc	canggattta	aaaataaatt	actgtcnaga	gcaatataag	ggcatgggt	420
ttgatcagga	actttttgta	aatgaaaaag	ttcacaactt	ggaaaaaaca	gtgctagatg	480
tgttatggaa	attgttatca	caaattattc	cactgaaact	caagtatnta	anacaacaat	540
atatacgtgt	gaaatnttaa	ttttgacata	tggaangtn	accnaaaaat	tttgaaccca	600
taccttnttg	gcttnaaatt	gcanggtggg	taccnattt	nttaaaaatn	annanacctt	660
tnnnnccaaa	aatnacttna	tnctacaaaa	aattttccnc	ggnccatggt	taanaacctt	720

gnnncncccttt ttnaaaccttt tac

743

<210> 3430
 <211> 776
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 3430
 tgctcctttna attctaagtc ttggetactc gntctntttg cangatecca tcnattcgan 60
 tncggcacga gggcaggggc ccttanagtc ttgggtgcca aacagatttg cagatcaagg 120
 anaacccagg ngtttcaaag aagcgctagt aangtntctg agatcctngc nctagctnca 180
 tncnagggtt aggangaana tggctnnncn aancatgcgn gtgctcctat tgctganctn 240
 nctgnccaaa ncatgagtcc tgggtgatat catcatgaga cccacatgtg ctccctgnatg 300
 ganttaccac tacttcaaat gctatgagta ctntcagaaa ctntngaact ggtctgatgc 360
 centgntann naacttntn nctgnttggc ctnnccntnc tagatcaang gancngcnnt 420
 aatccnaaan ttcantngan tnaagatcan nngttcctgc tnggcacctt tcnagnataa 480
 tccccctttt gcttgntnaa acggaantnn anaaggngtg tntnnttcna atcttattan 540
 aattcttgnn attncatttg ctataatccc tggagcctgg atttcctgga anccgtaaaa 600
 cngggcttct aagcacctta cncnnttcca tccttgaaag nancceccgt nnnccatncan 660
 tnagnctnct anttntaant cntattggag accctnaana ttccttttac atcaaanggn 720
 nggtataana atntttcngg nattttncag ganctgngta aaattnttat tntacc 776

<210> 3431
 <211> 731
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 3431
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 atcgattcga attcggcacg agcagtggtt ggataaaaagg atgtgtggga aagaactgag 120
 ttgaaattag gaggtagaat tttattcttt ggtactaagg aatcattgaa gattttaaaa 180
 ttagggctga cataatcaga tttgagtttg ggaacctata gtttgggact ggaggaagac 240
 aggtgccaga caccagttaa aaagctgtta ttttctaagc agtagacaaa ggtttacact 300
 gacaatagct gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac 360
 aactaaattt tgtgatcaaa atgataaggg ccatctaata agctggggaa tgtgggatct 420
 gtcttggttg agttgggtga ttaactgaga ttaacanagc tggaggaaat gtaaaaagaa 480
 aggcaggatt gttcattttg tcttttgttt gttttgggga acagggtcaa aattttcatt 540
 ctgcataagg taggttttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat 600
 cttggaagaa angcaacat agtaatat ttaggttnt actgnttatt ttttcaataa 660
 aaaactcagg ttctcaagtt tancagattc atnggtctta ggaaaggtag ctgttnaacc 720
 aaaatantaa t 731

<210> 3432
 <211> 731
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 3432

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atcgattcga	attcggcacg	agcagtggct	ggataaaaagg	atgtgtggga	aagaactgag	120
ttgaaattag	gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gattttaaaa	180
ttagggctga	cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	240
aggtgccaga	caccagttaa	aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	300
gacaatagct	gtggagatag	agaaaagctg	cgagatttca	gagttttcca	aggtgtaaac	360
aactaaattt	tgtgatcaaa	atgataaggg	ccatctaata	agctggggaa	tgtgggatct	420
gtcttggttg	agttggtgga	ttaactgaga	ttaacanagc	tggaggaaat	gtaaaaagaa	480
aggcaggatt	gttcattttg	tcttttggtt	gttttgggga	acagggtcaa	aattttcatt	540
ctgcataagg	taggtttagt	ctttttcaaa	acattctagt	aggcaagtct	gtagctgaat	600
cttggaagaa	angcaaccat	agtaatat	ttgagtttct	actgnttatt	ttttcaataa	660
aaaactcagg	ttctcaagtt	tancagattc	atnggtctta	ggaaaggtag	ctgttnaacc	720
aaaatantaa	t					731

<210> 3433
 <211> 731
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 3433

tnagtttgaa	tgcttngant	tgctaatagc	ttggctactc	gttctttntg	caggnatccc	60
atcgattcga	attcggcacg	agcagtggct	ggataaaaagg	atgtgtggga	aagaactgag	120
ttgaaattag	gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gattttaaaa	180
ttagggctga	cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	240
aggtgccaga	caccagttaa	aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	300
gacaatagct	gtggagatag	agaaaagctg	cgagatttca	gagttttcca	aggtgtaaac	360
aactaaattt	tgtgatcaaa	atgataaggg	ccatctaata	agctggggaa	tgtgggatct	420
gtcttggttg	agttggtgga	ttaactgaga	ttaacanagc	tggaggaaat	gtaaaaagaa	480
aggcaggatt	gttcattttg	tcttttggtt	gttttgggga	acagggtcaa	aattttcatt	540
ctgcataagg	taggtttagt	ctttttcaaa	acattctagt	aggcaagtct	gtagctgaat	600
cttggaagaa	angcaaccat	agtaatat	ttgagtttct	actgnttatt	ttttcaataa	660
aaaactcagg	ttctcaagtt	tancagattc	atnggtctta	ggaaaggtag	ctgttnaacc	720
aaaatantaa	t					731

<210> 3434
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 3434

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tctccttgaa attgcttatn gctaggctac ttgttctttt tgcaggatcc catcgattcg      60
aattcggcac gagagtggct ggataaaaagg atgtgtggga aagaactgag ttgaaattag      120
gagttagaat tttattcttt ggtactaagg aatcattgaa gattttaaaa ttagggctga      180
cataatcaga tttgagtttg ggaacctata gtttgggact ggaggaagac aggtgccaga      240
caccagttaa aaagctgtta ttttctaagc agtanacaaa ggtttacact gacaatagct      300
gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac aactaaattt      360
tgtgatcaaa atgataaggg ccatctaata agctggggaa tgtgggatct gtcttggttg      420
anttgggtgga ttaactgaga ttaacagagc tggaggaaat gtaaaaagaa aggcaggatt      480
gttcattttg tcttttggtt gttntgggga acaggggtcaa aattttcatt ctgcataagg      540
taggtttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat cttggaagaa      600
aggtcccata gtnatatatt tgagtttcta ctgnttatatt ttcaataaaa actcangttc      660
tcangtttagc anatcatggt cttaggaagg tagctgnana accaaaatat at              712

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<210> 3435

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 3435

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aattcggcac gagagtggct ggataaaaagg atgtgtggga aagaactgag ttgaaattag      120
gagttagaat tttattcttt ggtactaagg aatcattgaa gattttaaaa ttagggctga      180
cataatcaga tttgagtttg ggaacctata gtttgggact ggaggaagac aggtgccaga      240
caccagttaa aaagctgtta ttttctaagc agtanacaaa ggtttacact gacaatagct      300
gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac aactaaattt      360
tgtgatcaaa atgataaggg ccatctaata agctggggaa tgtgggatct gtcttggttg      420
anttgggtgga ttaactgaga ttaacagagc tggaggaaat gtaaaaagaa aggcaggatt      480
gttcattttg tcttttggtt gttntgggga acaggggtcaa aattttcatt ctgcataagg      540
taggtttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat cttggaagaa      600
aggtcccata gtnatatatt tgagtttcta ctgnttatatt ttcaataaaa actcangttc      660
tcangtttagc anatcatggt cttaggaagg tagctgnana accaaaatat at              712

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<210> 3436

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 3436

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tntcattcaa gtnctaangc tggctctttt gcaggatccc tcgattcgaa ttcggcacga      60
gactgtctct tcattcccaa gaagaaaaga caagtactgc tacttccaaa actcagacac      120
gacttgaggc tgaagtgaat cctaattcct tgtcaaccag ctacaagaca gtgtcattgc      180
cattaagctc tccaaacata aagctgaatc tcactagccc taaaagggtg cagaaaagag      240
aagaanggtg gaaagaagtt gtacgaaggt caaagaaatt gtctgttcca gcctcagtgg      300
tgtcgaggat aatgggaaga ggaggatgca acatcactgc aatacaggat gttactggtg      360
cccatattga tgtggataaa canaaagata agaatggcga gagaatgatc acaataaggg      420
gtggcacaga atcaacanga tatgcagctc aactaatcaa tgcactcatt caagatcctg      480

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ctaaggaact	ggaagacttg	attcctaaaa	atcatatcan	aacacctgcc	ancnccaaat	540
caattcatgc	taactttctca	tctggagtag	gtaccacagc	agcttccagt	aaaaatgcat	600
ttcctttggg	tgtctcaact	cttgtnactt	cacangcaac	aaccgttatc	tacgttccca	660
ccccgcta	aaacttaata	agaatgttct	tagaaaaaaa	atntnaaaan	ctcgact	717

<210> 3437

<211> 722

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(722)

<223> n = A,T,C or G

<400> 3437

gngtcatnct	ttnaantttc	taatngctng	gctacttggt	ctttttgcag	gatcccatcg	60
attcgctggt	tttgattggt	cagattcttt	tttactagc	ggcggttttt	cttttatgtc	120
ttgttataaa	gaagtatctc	attggaccct	attatcgga	gctgcacatg	gaaagcaagg	180
ggaacaaaga	aatcctgac	ttgggaatat	ctgcctttat	cttcttaatg	ttaacgggtca	240
cggagctgct	ggacgtctcc	atggagctgg	gctgtttcct	ggctggagcg	ctcgtctcct	300
ctcagggccc	cgtggtcacc	gaggagatcg	ccacctccat	cgaaccctac	cgcgacttcc	360
tggccatcgt	tttcttegcc	tccatagttt	ctcctggcgg	cgtgggtcct	gtctctcatt	420
ctgccgagga	gcagccagta	catcaagtgg	atcgtctctg	cggggcttgc	ccaggtcagc	480
gagttttcct	ttgtcctggg	gagccggggc	cgaagagcgg	gcgtcatctc	tggggaggtg	540
tacctcttta	tactgagtgt	gaccacgctc	agcctcttgc	tgcctccggg	gctgtggaga	600
gctgcaatca	cgaagtgtgt	gcccagaccg	gaanagacgg	tccagcctct	gatggctcgg	660
agatgatgga	ccgtggaaag	ggaaccntct	gtggggagtg	aaccgcttaa	natggccagc	720
at						722

<210> 3438

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3438

tnntntntcca	cttggaaacc	cttttnngaa	ancccgccagg	natcccatcg	attcgctctg	60
ggagtagctg	ggattacagg	catgcaccac	catgcctggc	taattttnta	tactctagta	120
ntagacaggg	tttcgcccac	gttggtcagg	ctgggtctcaa	actctngacc	tcaggtgatt	180
caccacactn	agcttcccaa	agtgtcggga	ttataggcgc	gagccaccat	ggctcancct	240
catgttcggt	tttaaaactt	aggatggtgg	ctctnttaca	ttgattggca	ggaactcttc	300
atattacgag	gcacttagct	agntgnctgt	gaaatanaat	actaatgatt	gaactttcta	360
ggaagtgcct	attctgctaa	tagtgnaaat	atacacttat	ccagggtcag	naatactnna	420
gtnatccac	ttaaangatc	tagacataca	tgaacttggg	cttacttgcc	cgttanaatt	480
gcatacttta	naatagtcca	tcaccttact	taangnagat	atgcntngat	tatccngatt	540
actcnntaac	atagcctctc	nccttanctg	tctcacctga	atgtantacc	tggacctctn	600
caagtcnanc	agaggccnat	aataaaaagt	canaagttta	nncnnnacac	ccctctcccc	660
ccnccanta	ncccaanccc	ctcccannac	ccccctctcc	ncccaacnct	cacctcnna	720
tcncccaacc	ccactcnncn	nncannctt	ccccccccac	ccccnnct	acnctcct	780
cccatcneg						789

<210> 3439
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 3439
 ancctttnaa attccntngc cntaggctac ttgttctttt tgcaggatcc catcgattcg 60
 gctgcacagt gggaagggca ctgggctgga agccctaccc atgtcagga atgtctgggc 120
 ctcagatttt tattttctag aatgaagata cttaccccc aattgctgag atatttgaat 180
 aaaagtatat gtgaaggatt ttgtaattat agaatgtcct acaaatatga gtagttcggt 240
 tgctactttt ttggcgaaga aaaatattgg gatgcatgaa taatatctac ctaagggtacc 300
 taagggttgta ttcaccccat ttattgaatg ccaaggatat accagctact gctccagatg 360
 ttgtattcag ggaacagaag aagagtcctt gtgcccattg agctaacagc attctagggg 420
 aggaaagatg ggctcagctga ctttcacgat ctcagggtact gatgaagatt gtgaagatta 480
 ttacatcang tgaatgtang ggtgatttag agaaagctgg tagctaggct gttcaaggaa 540
 gggcctctgt ganaaagggg atggntggct ggntgtgggtg gttcacgcct atnatcccag 600
 cactttggga ggttgggagt ttgagaccag cctgaccagc atgganaaac cccgtctcta 660
 ctaaaaatac aaaattagcc cggcatggtg gcacatgcct gtaatccagc tcc 713

<210> 3440
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 3440
 ancctttnaa attccntngc cntaggctac ttgttctttt tgcaggatcc catcgattcg 60
 gctgcacagt gggaagggca ctgggctgga agccctaccc atgtcagga atgtctgggc 120
 ctcagatttt tattttctag aatgaagata cttaccccc aattgctgag atatttgaat 180
 aaaagtatat gtgaaggatt ttgtaattat agaatgtcct acaaatatga gtagttcggt 240
 tgctactttt ttggcgaaga aaaatattgg gatgcatgaa taatatctac ctaagggtacc 300
 taagggttgta ttcaccccat ttattgaatg ccaaggatat accagctact gctccagatg 360
 ttgtattcag ggaacagaag aagagtcctt gtgcccattg agctaacagc attctagggg 420
 aggaaagatg ggctcagctga ctttcacgat ctcagggtact gatgaagatt gtgaagatta 480
 ttacatcang tgaatgtang ggtgatttag agaaagctgg tagctaggct gttcaaggaa 540
 gggcctctgt ganaaagggg atggntggct ggntgtgggtg gttcacgcct atnatcccag 600
 cactttggga ggttgggagt ttgagaccag cctgaccagc atgganaaac cccgtctcta 660
 ctaaaaatac aaaattagcc cggcatggtg gcacatgcct gtaatccagc tcc 713

<210> 3441
 <211> 724
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(724)

<223> n = A,T,C or G

<400> 3441

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ggcacgagge	ggcgctgacc	cggcggggcc	cacacccgct	cttcctcttc	tttgccgcgg	120
actccctttc	ctgectccaa	gacctgggtg	ctcccactgt	gagccacagc	gtcccacagg	180
cagtcctccat	ggacctagac	tcaccttccc	cttgccctcta	tgaacctctg	ctggggcccag	240
ccctgtccc	agctcccgac	ctgcacttcc	tgtcggactc	aggcctccag	ctccctgccc	300
agcgagcggc	ctcagccacc	gcctcccttc	tcttcggggc	cctgctgtca	ggcagctttg	360
cagaagccca	gatggacctg	gtgcccctgc	gaggtctgtc	gcctgggtgca	gcctggcctg	420
tctgcatca	tttgcatggt	tgctgggggt	gtggggctgn	nntggggccc	gtgccacac	480
cangcnancc	cctgtatggg	atcanaggcn	cgaagangca	ntgnangctg	ntggcanntn	540
aantactgnc	tgggctggaa	nangaactnn	taaaagtctc	ngcccnatc	caccttggn	600
cccnannttn	nncnntant	cnnngggntn	angtggtnnn	nncnngggac	agntcnntnt	660
ggnttgnena	tngnncnnat	gnanacttgg	ggttcannaa	ncntttccnn	atgnaancng	720
ngtc						724

<210> 3442

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3442

gttcaatnnt	tgaaatttna	nntcgctagg	ctactngttc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgagcct	tccacggtta	tttcacagat	atggagagct	ggaagcaggg	120
agtgagtcct	tgagtgttgg	aattgtaagg	gatcagaagc	agggatcaga	agcagtgggtg	180
aagttcatcc	accataaaac	acacaggtga	ctttgccttg	aatctgcagg	actgaagcca	240
actcttgggc	acagaccctt	agtcccttcc	ttggccactc	taagtcagat	agtccagagc	300
caggcccttt	gggatgtgac	accgagataa	atcagagaaa	agctgtgaag	cttgggggaa	360
agagggactt	ttggtgaagt	aggtgggtctg	cagtttctat	cttcttggga	aaagcnagct	420
ggaaaagtga	acagtgggtg	gtaggccata	gtgctcccag	ctgggtgaca	taatgaccac	480
acagcacagt	gatgttatta	gcaactgtgt	ggtggagtag	ttgtgggctg	gacaaatcaa	540
tcgtgtggaa	attgttagga	gttttattac	attaaacttg	ttaacctaaa	ataccatcaa	600
aaaaaaaaan	nttnatgntt	nnacntacnt	gtnatnntan	aaaaaaaaac	nttgagccct	660
ttaaaaccta	ttanngngtc	cttttttaccn	taaaatccan	accttnntta	agaatncatt	720
tggattgaat	ttttggncc					740

<210> 3443

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3443

gttcaatnnt	tgaaatttna	nntcgctagg	ctactngttc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgagcct	tccacggtta	tttcacagat	atggagagct	ggaagcaggg	120
agtgagtcct	tgagtgttgg	aattgtaagg	gatcagaagc	agggatcaga	agcagtgggtg	180

aagttcatcc	accataaaac	acacaggtga	ctttgccttg	aatctgcagg	actgaagcca	240
actcttgggc	acagaccctt	agtcctcttc	ttggccactc	taagtcagat	agtcagagc	300
caggcccttt	gggatgtgac	accgagataa	atcagagaaa	agctgtgaag	cttggggaac	360
agagggactt	ttggtgaagt	aggtggtctg	cagtttctat	cttcttggga	aaagcnagct	420
ggaaaagtga	acagtgggtg	gtaggccata	gtgctcccag	ctgggtgaca	taatgaccac	480
acagcacagt	gatgttatta	gcaactgtgt	ggtaggagtag	ttgtgggctg	gacaaatcaa	540
tcgtgtggaa	attgttagga	gttttattac	attaaaacttg	ttaacctaaa	ataccatcaa	600
aaaaanaaaan	nttnatgntt	nnacntacnt	gtnatnntan	aaaaaaaaaac	nttgagccct	660
ttaaaacctta	ttannngntc	ctttttaccn	taaaatccan	accttnntta	agaatncatt	720
tggattgaat	ttttggncct					740

<210> 3444
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

tctnctgttn	natncttggg	aatttgnana	tncttaggct	actngntctt	tttgcaggna	60
tcccatcgat	tcgaattcgg	cacgagcctt	ccacgggttat	ttcacagata	tggagagctg	120
gaagcagggg	gtgagtcctc	gagtgttggg	attgtaaggg	atcagaagca	gggatcagaa	180
gcagtgggtg	agttcatcca	ccataaaaaca	cacaggtgac	tttgccttga	atctgcaggg	240
ctgaagccaa	ctcttggggc	cagaccctta	gtcccttcct	tggccactct	aagtcagata	300
gtccagagcc	aggccctttg	ggatgtgaca	ccgagataaaa	tcatagaaaa	gctgtgaagc	360
ttgggggaaca	gagggacttt	tgggtgaagta	ggtgggtctgc	agtttctatc	ttcttgggaa	420
aagcaagctg	gaaaagtga	cagtgggttg	taggccatag	tgctcccagc	tgggtgacat	480
aatgaccaca	cagcacagtg	atgttattag	caactgtgtg	gnggantant	tgtgggctgg	540
acaaatcaat	cgtgtggaaa	ttgttaggag	tnttattaca	ttaaaacttgt	taacctaaaa	600
taccatnnaa	aaatanaatc	ngnnntaaaa	cnancntata	nggatgtnan	aanaactcga	660
gcttctaaaa	ctntagnnga	gcctttgtta	cgtanatccn	ngacatgnnt	aagatacatt	720
ggtnagtttt	ggacaant					738

<210> 3445
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

tctccttgaa	attgcttatn	gctaggctac	ttgttctttt	tgcaggatcc	catcgattcg	60
aattcgggcac	gagagtggct	ggataaaaagg	atgtgtggga	aagaactgag	ttgaaattag	120
gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gattttaaaa	ttagggctga	180
cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	240
caccagttaa	aaagctgtta	ttttctaagc	agtanacaaa	ggtttacact	gacaaatagct	300
gtggagatag	agaaaagctg	cgagatttca	gagttttcca	aggtgtaaac	aactaaattt	360
tgtgatcaaa	atgataaggg	ccatctaata	agctggggaa	tgtgggatct	gtcttgggtg	420
anttggtgga	ttaaactgaga	ttaacagagc	tggaggaaat	gtaaaaagaa	aggcaggatt	480
gttcattttg	tcttttgttt	gttntgggga	acagggtcaa	aattttcatt	ctgcataagg	540

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taggttttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat cttggaagaa      600
aggctccata gtnatatatt tgagtttcta ctgnttattt ttcaataaaa actcangttc      660
tcangtttagc anacatgggt cttaggaagg tagctgnana accaaaatat at              712

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<210> 3446
<211> 836
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(836)
<223> n = A,T,C or G

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<400> 3446
ggaggggatga aaatgagccc tgggagggag gaagggacga ggaggggtgg ctgcatgtta      60
ccgtccncta cctctcccac gtggaggggtg gagcagttat gagggaggaa gtcaactgct      120
gttcagcctc agaataaagg tgccgttcac tggctcagtt acctcctgtg tacccggcatc      180
ttgtgttggg aatgttcccc cctnccctagg gaccaaggan cacccttaca aaaanagtaa      240
ntgggttggg gatactccct taagccaaan aggagctacc caacctgttc ttagggaccc      300
angttaccta caaggggtggg agagaattca atggggcccag atgttgggtgg aagccccatc      360
tctggggctc angtttcttg gaanacttat accctantc nanggtcttg ggaagctncc      420
agactaaaat ntgtataant canngcntgg gaccctantc nanggtcttg ggaagctncc      480
ctnnccnntt ngggtncena nnagcnaaca ttnntcncaa gggcncnct tatnggnaaa      540
antgtngggn cacattcccc ccttctccaa aggaangngg ccnecgnatta acaatnngct      600
anncttttgc ccattggctn aaaanccccct ccccacattt ccatnatttc angnttngnc      660
nncattatct attnctttat antgnnttgg tanncncttn ttnnactcaa agnnnatcnc      720
ttacctttca cnatcccnca attttncntg gctccanctg tgnnccnttt nganancctc      780
nncetncttn cttncaggga ntnttanang ntnatctaaa tntgnggcnc atannt          836

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```

<210> 3447
<211> 747
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(747)
<223> n = A,T,C or G

```

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<400> 3447
cttaenttng ctctcgttct ttttgcaggn tccctcgatt cgaattcggc acgagttcag      60
ggttgggtggg tctgtggacc ttgagctagt ttttaataca catggaaact ccagtgatct      120
atttaaaaaac ttgcattggg tcatgccagg tttattggag gttataccct ccaatgtatt      180
tccaactcag gggttaaagcc aaggtcctta tgggtggaaga tggggcatat aaactggcat      240
tctggcgctc acacactcca atatctacta ctctccctc ttgctcgctc agctgtggct      300
tgcttattca gctttttgct cttcctggaa tacatcaaac atatgtaggc ccagggtttt      360
aaccatttta acaactgaac ttgtaactgc actagttctc caggtaagca gaagtattag      420
ggttatggac agtttatccg aagtaataac caggaatgcc taataaaaaac atgcangtat      480
tgtggtaaaa aatagagttg gtgaacaagg agttacctc tgactgnttc tcttttagtg      540
aagtaggagg caagggtatt agctaagagt gagatgggta ggagatgggtg taaattttaa      600
ggaaaagaat taagggtatga gatagttggc taggataatg aanttnttga atgggttttg      660
gctaagtngt attaaaatcc cctttaggta atagacnatg aanttccaaa gcncacctta      720
gccaacctg ggttctttct tttctttt                                     747

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<210> 3448

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<211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (759)
 <223> n = A,T,C or G

<400> 3448

ttnnnnntcaa	cnggacnnct	tttacccttc	ccgttcttnt	tgcaggntcc	catcgattcg	60
aattcggcac	gagatgttgc	ccaggctggt	ctcaaactct	tnntntntcaa	gcaatactcc	120
tgccttggcc	tcccaaagt	ctgggataat	aggcatgagc	catcatgect	ggccgaactt	180
atTTTTaaat	tctttgggaa	tctaaaagga	ctatgtgctt	tctTTTTtac	tggattatgt	240
gagaagataa	tagtttgag	agaaattcag	tgaagcagct	gataaaatgc	tttaaaaata	300
tatttcagag	aattgagcaa	taacagtgat	gtcaaaatag	tagccccacc	ttctccagcc	360
cacctaaacc	aacactgagc	atggacacat	gcatttcttg	tcatcagcca	gacgaaatgg	420
agtagcaaaa	atccatccta	tatgtcattg	agtcttataa	tacagttctc	ttttctctgn	480
ctattaataa	aagacccccac	tgaatgaagc	cgggaattctt	ttaggcaatt	taaactttct	540
gaaatagagg	aaagttggaa	aggggcggta	gtcaaggaat	atagaagtaa	aaaatatTTT	600
tgaggTcaaa	tgcttatctg	aacagattgn	ctagtctgat	tatttttaaa	agtattatgt	660
tgatccagtg	gtttaaattt	gaatcaaaag	taatgattta	accaaagggt	gtgcttccat	720
tattaacctc	agaaacacta	agaaaccgaa	atcactttt			759

<210> 3449
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (736)
 <223> n = A,T,C or G

<400> 3449

ttnttncnnc	tnntggaacc	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagca	60
aaaagctgct	gctgggcagc	cccagctcgc	tgagccccctt	ctctaagcgc	atcaagctcg	120
agaaggagtt	cgacctgccc	ccggccgcga	tgcccaacac	ggagaacgtg	tactcgagct	180
ggctcgccgg	ctacgcggcc	tccaggcagc	tcaaagatcc	cttccttagc	ttcggagact	240
ccagacaatc	gccttttgcc	tccctgctcg	agcacgcccc	atattagtgg	tccggggcccg	300
ggcaggccca	gctcaaaaga	gggcagacgc	agcgacactt	gttcttcaca	cacccccatt	360
cggcgtagta	cccagagagc	tcaagatgtg	tggcagtttt	cggatggaag	ctcgagagcc	420
cttaagttct	gagaaaattt	gaagccccca	ggggtggggt	ggacgcgtgc	cgcccagtcg	480
acgtcagcgt	ggtctgtcat	cctgctagtt	ngtgatgttt	tctgacagta	gcctncaaga	540
accggttggt	cgaagacaga	gtcctgcaga	gtccttccag	cctagcctgc	agcgccattt	600
tatttatatt	ttttaataaa	aagtaaaaca	nnaaaaacag	acccacattg	gaacagtga	660
tcattccata	gagaggcccc	tggaccatcg	ttgtcatgag	tgatgcctgg	ccttttgaaa	720
ccagccnacc	taattc					736

<210> 3450
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3450

cttcttttctn	tnncacgttc	tttttgcagg	atcccatcgg	attcgggagn	aaetgetcac	60
tcctttttccc	tcccatata	aactcaaagt	cccctgggcc	ccaattcaga	gttatgtttt	120
ttttggcaca	tactagaaag	gcagtgcctc	agcccttccc	tgaatccatg	gaggtgttct	180
gtttggggct	ttttagactg	ctgctgctca	gctgggttgc	tgaactgaca	gtaggccagc	240
ctgttctctg	ccattcccta	gtcatcctgt	gcctcaccac	agcttgctta	gagcaagcct	300
tttctcagac	cttaggcaca	gcctctctct	tttacctgat	caatgttaaa	tgtaagcacc	360
cctgatccca	ggacataagg	aaagatgccc	aattgtactt	ttgttctata	gcctgtgaaa	420
tggctagtgt	atcatttttc	cacaaagaat	tangtgtaa	gagttttcct	tcangcttta	480
cttangagaa	tggactaagc	tgaangtgta	ctttaccagc	aagagtcaac	tctagaattt	540
cangatgttc	cttctattgc	ctcttagcca	tctgtcagga	aatgtaactn	tggttttatt	600
ttnggctatt	ccanggggta	agccanaaaa	tnгнаatgat	nattctgatt	aatagcagaa	660
actttttcat	cccaaattat	aaggggnctg	ctcttttaaa	aagcntctaa	gctaagtcna	720
gagcttagga	actgtgac					738

<210> 3451

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 3451

ttnnntntnt	gaacttttta	ccctgttctt	ntgcaggacc	catcgnttcg	aattcggcac	60
gagggctctg	accctgcagg	actgggcagc	ccagcgggtg	accatctcct	accgagcccc	120
agagctcttc	tctgtgcaga	gtcactgtgt	catcgatgag	cggactgatg	tctggtcctt	180
aggctgcgtg	ctatatgcc	tgatgtttgg	ggaaggccct	tatgacatgg	tgttccaaaa	240
gggtgacagt	gtggcccttg	ctgtgcagaa	ccaactcagc	atcccacaaa	gccccaggca	300
ttcttcagca	ttgcggcagc	tcctgaactc	gatgatgacc	gtggaccgcc	atcagcgtcc	360
tcacattcct	ctcctnctca	gtcagctgga	ggcgtgcag	ccccagctc	ctggccaaca	420
tactacccaa	atctgaaaaa	gcagcatgtt	gagaagatgg	ccccttgtgc	cttggaaga	480
ggttcccatc	cctcattgga	atcaccaccc	attccatcca	ggacttctct	tacacttggg	540
ggtagccggg	gtcaggacaa	tcattctcagt	cctgcattct	ttcttctgct	ttcttccctc	600
caagagcaaa	acctgggcaa	ggggacttac	tgagtggggg	tgggtggggg	ttgggaaaag	660
ggaaacnnnt	gggatatggn	acatggntct	nagcaggant	gntgagctac	ntancgtntt	720
gactcnaaan	tnngngagca	gnnnat				746

<210> 3452

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3452

ttnntnttcc	ttgaancctt	tttctacann	cncctttgca	gateccncgt	togaattcgg	60
cacgagagac	aaagaaaagg	tggcaatcat	agaagagttt	ntagtaggtt	atgaaacctc	120

tctaaaaagc	tgccgggttat	ttaaccccaa	tgatgatgga	aaggaggaac	caccaaccac	180
attacttttg	gtccagtagt	acttggcaca	acattatgac	aaaattgggtc	agccatctat	240
tgctttggag	tacataaata	ctgctattga	aagtacacct	acattaatag	aactctttct	300
cgtgaaagct	aaaatctata	agcatgctgg	aaatattaaa	gaagctgcaa	ggtggatgga	360
tgaggccag	gccttggaca	cagcagacag	atztatcaac	tccaaatgtg	caaaatacat	420
gctaaaaagc	aacctgatta	aagaagctga	agaaatgtgc	tcaaagttta	caagggaagg	480
aacatcagcg	gtagagaatt	tgaatgaaat	gcagtgcctg	tggttccaaa	cagaatgtgc	540
ccaggcttat	aaagcaatga	attaaatttg	gtgaagcact	taagaaatgt	cattgagatt	600
gagagacttt	tataggaaat	cactgatgac	ccagtttgac	tttcatacat	actgtatgan	660
ggaanattac	ccttagnatc	ttatggtggg	actttattta	aaaacttnca	nnaatgttcn	720
ttcgacagcc	ttccatttta	acttcnaagg	cnncaangaa	ttnt		764

<210> 3453

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 3453

ttnttcncc	tttttnaanc	ctttttgcag	gatcccatcg	attcggactg	ctggccgagc	60
ccgctgggag	tctagaaaga	gaaaatctgt	ttctagacct	cagttatttt	cccatttttg	120
gttgttttga	agcagtaaca	ttttttctcag	tgacatgca	atttgggttt	tagagaagat	180
ggccaccagc	tggttctcta	gatattttta	acttttgttc	tttaatatgc	tgtccatggc	240
tgagtttatt	agtacatggg	cttagtgacc	acaaaatatt	ttattaagaa	actgtttcaa	300
aaataaaatt	gcactgttca	ttttttctggc	ctcgtgttc	tccatagagc	aagggtaatc	360
ctagaaaaat	tttttttttt	ttaaattatg	caacgtgaaga	tgctctcctt	gatagaagtc	420
ttagctcctg	tgttacaagg	gagaactcat	ttgagatcag	tctgttggca	ttgcaatgaa	480
gtgctttgta	tcangaaagt	gtacactatt	gacctttttt	cctgttcaca	agctgagcca	540
tatgtacata	atctagattt	tgttttcata	gttttgcact	ttttatagcc	tatttttgaa	600
gattaacaca	tttgcaagat	gatntgactc	aatctttgcc	taatccaaat	gagtggtacc	660
agagagcttg	cntgtgacta	gaacccataa	aattctttaa	anggggtatg	ttgataatag	720
aagggcnggg	aattttaaac	ccnggntttt	aaaaaaat			758

<210> 3454

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3454

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cacctttcct	ccagttttcca	ataacacatt	cctctttttc	acctgagacc	tcaccagaat	120
cacctttaat	gtctatatct	ctaccaatag	tcttttttaag	gcaatatagg	ctttctctaa	180
catgcacttc	aaacttcaag	atggaggggg	tgccatacaa	caggactatg	tgatggtttt	240
tggtgtgtgc	cataggaagt	cacaacaggc	aagggaagaa	aaccagaacc	cagtcatgga	300
gttaagaagt	gagtcagaga	gtagatgggt	agggacagtg	aggtaaggcc	tcttttctaag	360
gaagtttggc	tgaaggatag	actagctgga	cacatgctgg	ctgtgtgggg	tagagggagg	420
aatgatggan	ggtaggagag	ccttgagcct	gcgagaagag	tctctagaat	agagaagctg	480

aggttaaagt	tgtggaagac	agtggggata	actgagtgac	agataatcan	gagaagaaaa	540
ggagatccag	aatcatgacc	agagagatga	cctttgccaa	gagcacagcc	atctttcact	600
gtcncanaga	ggtaggacaa	aacgattggg	gttcaagaat	tgggtttgta	gcacaatatt	660
ttaaactatgt	cctttaaaaa	agttttctccc	ccagacacta	cccaaagcca	gtcctttcac	720
tacagggggc	cgacagaccn	tgaaaatn				748

<210> 3455
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (716)
 <223> n = A,T,C or G

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attcagcttg	gctggagcag	aggcaggagt	ggggaactgg	ggacagggtga	gactagaggt	120
tggcagaaac	cagccatagt	agttttttgcc	tcattttggac	aacaaggagc	catccaagag	180
agagcgggtga	agctgatggg	gacacagcca	tggcgcatgt	aaataccccc	agtggctgtg	240
ttgtagggtta	tattgggttg	gggagggaca	aggtcaggag	gcatagactc	gacatcatct	300
gatgtgattc	angacagaat	ggcgagcctg	aagtgaagtg	tctgtaggat	aagttggaaa	360
ggaaggaacc	aatatgagat	attaaagaag	tgaaagctat	aggccccagt	gccttaataa	420
aggtaaggag	taagagaaga	ttcgagattg	actcccagac	tctccagtct	gctggacatg	480
ggagatggaa	tagaagttga	tctcggnntg	gtcataggag	agcagttact	gtgttgagca	540
tggatagcct	gtcgttcccc	aggagaagga	ntacagcttg	gctggaaatn	ngcaatgcn	600
annttgagga	gatccacctt	ggggtcactc	ctagggggcc	nacccttgna	ncccttgagt	660
agcaatcccc	ccagaaanga	tncaaagggc	ttgannctna	actttaana	ancnnt	716

<210> 3456
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (712)
 <223> n = A,T,C or G

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ttgcttcgag	ggtagtgtct	tactaaaagt	taggaacaga	gacctagtgg	tgtgtccaag	120
gccgtgtcac	tttccccctt	agcacacccc	agcttctgac	ctcagagccc	aggagctgcg	180
tggacagtgt	ggggtgccag	gaggaggggc	gggtggctgg	cctcaggcac	gctgcactcc	240
cagccagaca	tggtctttcc	gtttcttaag	tagcaagtgt	aggtttcagc	tggcagttcc	300
acctgcagt	tctctgcttc	gctgccttgg	aaggggccac	attccccatt	cctcttctcc	360
ttacagcgcc	tgctcctttt	ttcaagcagg	cggaagctg	ctgtttctca	cgtttcaggg	420
agaggggtga	gcggagggag	acctgtgtcc	gtgcggtccg	gctccctggg	tgggaacagg	480
caagggatca	gatgcccttg	acaccaagcc	tctggcacac	canatgcctc	tgcagtcctc	540
gacagcctct	tcagtgtccc	tctgcgggtg	atgtccttac	tgtccccagc	caaggccggg	600
gaccggtgtt	tcactganga	cctgcattag	aaacattttt	taaattgttg	tncaggaaga	660
gatgtgtctt	aaaacagcat	ctttaagct	gantgtattt	ctttgcacaa	ag	712

<210> 3457
 <211> 664

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(664)
 <223> n = A,T,C or G

<400> 3457

cacgagat	ttt	tgccatgt	gg	caagttgg	tt	tgtggagt	tg	ggcaggtg	tg	aaagggtaaa	60
actccact	ttc	tgaatgct	gc	ttctgcccc		tgggacccag		cacattgt	ta	gaccatcttc	120
ttgactga	aaa	attctctc	ct	gatgctga	gc	cctgcaccac		caccttcctt		ttcctaacta	180
tgaataga	tg	gcaaagtcca		ctcaaaacaa		ccagttaagt		gctcacgaga		gagtagtcaa	240
gcacctcc	ag	aaagaaac	cg	ggttttt	gtt	cacatagcan		gaagtgactc		cctgggtggg	300
nattnatc	tt	ggaaacac	ag	gtagattggc		agaaaaac	cg	gaacatgtag		gtaccgcgat	360
gttgggtg	cat	gtncattact		ttgggatagg		ctttctcagt		ctttcctcaa		atgatngttg	420
agccagtt	ttt	ccaggggg	ca	attctgantg		acttgcgctt		gtcttatggg		gtgggcaagg	480
gactttc	ana	actacngaaa		acttttactg		anacagctga		aacaagagta		taccggcntg	540
agagggaa	aga	tgaacact	ca	cctatgtacc		actcttttga		caatnaatnt		agtattttctc	600
aaatcaagt	c	tnnagactga		tcctgtctca		aaaaaaaaagc		ctntagacta		ttattgagtc	660
cgtn											664

<210> 3458
 <211> 822
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(822)
 <223> n = A,T,C or G

<400> 3458

atcccatc	ga	ttcgaatt	c	gcacgagcca		tgggcggctg		cactcccnac		anatgggagt	60
gnccaggg	gag	gacttgct	ca	gccatggatn		cacaccgacn		gctgaggggg		cgccctggcta	120
cctnntgt	ac	catccctgtg		nctacatgct		tgcangagga		cggatggctt		actgnangaa	180
naagccng	na	tgcannct	ctg	natgagaaca		caggcaganc		nccctctata		gaaagcctgc	240
tttggna	nan	ntnntcat	an	agccgagact		ncacntacnt		cacngccttg		gngaanaatcc	300
aactcgag	gn	gatctatg	tc	ttacgttcct		gcaagcgccc		ntggagctgc		ccntggan	360
gtgtgcc	agc	cancnagag	t	gntggnnaa	g	ccccncnnan		nnaccttcaa		tcattggacag	420
cacnaanc	cg	ntggntct	gc	gcnagangtg		ctgggtaatg		agnttacgtn		caaggttngt	480
atccacta	ga	gcccgang	ta	tcatanccnc		caaccacgta		actntgggna		atnnnaatna	540
atccaaag	at	ttantngaaa		ctttaattgc		gaccantngt		aagacaccnt		ggtaaatttt	600
agcccaanc	n	aatgaacncc		tcnngtcctt		gcaattaaaa		taaaatnact		ggcggnttta	660
nctgcccc	c	anttngccat		ttctnntttt		annaaaacag		gncngttttc		caaccatttn	720
cgnccttt	ttt	tcttaaatng		ttgccttgg	n	ccgnattntt		aaaaantcnn		natnctaaaa	780
tagcccc	gana	agnctttt	gg	ancaacnttn		taaccttggg		ng			822

<210> 3459
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(715)

<223> n = A,T,C or G

<400> 3459

ggntcttcna	atgctnggct	ntngttcttt	ttgcaggatc	cctcgattcg	aattcggcac	60
gaggtcacct	ccactagagg	gggataaaaa	ggataatagg	aaatcagaat	attttgattt	120
gtagttcaac	tgttgatcaa	ttatctttga	gacttttaac	attcatgact	aaggaggatt	180
aataattaac	atgagctgta	gaattaaggt	ttgtatggca	tgataagtat	aaaccagttt	240
tgggaccgct	ataactctaa	aaaagcaggt	agactagatg	attagttgta	cacttattac	300
tgctaattct	tgattgtaga	acaaattttc	ctatgaaaac	catgttggtg	attttatatc	360
tctattagtt	cgttaaaagt	ttancagttt	tagatgtcga	accagtaaaa	aacaagttgc	420
ccattctatc	atttttttta	ttgtggtaaa	atatatttaa	gataaaaattt	acgattttta	480
ccatcttaag	tgtacattgg	tacagtggca	ttgggttacgt	tcacaatggt	gtacaactgt	540
catccctatc	tatttccaaa	gctttttcat	cacccaaaaca	gctctatacc	cactaacaac	600
aactccacat	caccactcc	ccagccctgg	ttatctctgn	tctactttct	gcctctatga	660
atcggatat	tccagttggn	ncatataagn	nggactcata	taatatnngc	ccttt	715

<210> 3460

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3460

tcttttctaa	tgcttggtc	tcgttctttc	tgcaggatcc	catcgattcg	tcaccatggt	60
gcccaggcta	gtcttgaact	cctgggctcg	aatgatactc	ccaccttggc	ctcccaaagt	120
gctgggatta	taggcgtaag	ccactgtgtc	tggcctagtg	tatgattatg	catgagtcac	180
gcaatgttct	ggtcctggat	tccaggagta	gaggacctag	ctttaaaatca	attagtttca	240
gctaaactga	ctagaaccag	gtcaaagtgt	aattctccct	ccagctcccc	caaaactaga	300
gttgggggga	actggaggga	gcaaaacact	gatttgatac	tagtcagtgt	gcttgaaact	360
agttcaccta	aagctagatc	tcttaaaacc	aatttactga	aaacttggtt	gcttaaagtt	420
aatgacttaa	tgactaattt	gccaaaagct	caattcctat	tttgggtgtg	ttatatccat	480
ttaggtgtcc	tattcttttt	tgatcatgct	tggatatttc	aaggatttat	atctattcat	540
ccaagagtac	ttctgagcta	ttatcagcaa	cataaattta	tcaaatttgc	agcactttgt	600
aaaatgatga	gaatgcttcc	tacctttatg	gatgtctntt	tctatgggtat	ctaccattca	660
aaaacttttt	taaaaagttt	aaaagttcta	gcaataaaat	ccaattggta	cagacatttt	720
gggtatcatt	ttttggttct	taanccann				749

<210> 3461

<211> 935

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(935)

<223> n = A,T,C or G

<400> 3461

ccntcactct	ttttacagnt	tttnaactnt	ttcngcagnn	ncncagante	cgcnantnca	60
nntggggaac	atcttcttgt	ctgctggaca	cctgatttgg	gcccgttctt	ctgccattcc	120
tttctgcaat	tacatgggtt	tcccagctgt	tttgcgcggc	cttggagcac	ccacagaggc	180
ggnccctgct	ggcangctat	gccctgggtg	tgggactctt	cctgcttctg	ctccagcccc	240

tnacggacccc	caagctctac	ggcagccttc	ccttttgtgt	gcttttggag	cgggcagggg	300
actcagagggc	teccctgtgc	tectgaccta	tgctcctgga	tacgctatga	actctcaccg	360
gctccccagc	cctnccccanc	aaggggtact	gccanggnna	agnngccttg	cctnggggtcc	420
ccccanaatc	tcanggaatt	tattgnanng	ggganttgna	agccngaagc	tantctacnt	480
ccccagggg	acccaannag	caanagtaag	cnn cattttt	cnnaaanggg	tgcnncccc	540
cttntattga	aaagggngtn	gtntntatcc	aangccancn	ttgntnatct	tgnacggngg	600
accaacggcg	ccctatgtnt	cccangnaan	cctcancann	accttctact	ttttactcnn	660
actntnttcc	nacctncttn	tncttctnatn	ctttaanttt	ccctctnncc	attnctcnaa	720
aatnacctt	ctttncagng	gcttnnntnt	nacatcantt	aaataancnc	ttntttcctn	780
aaatacatcc	naaacatcna	accnaacctt	atnccctncc	ggnccttttc	nacacntant	840
tgncaattct	ctatatgcca	actacanant	taaccatttt	tggacanate	tggngngana	900
nttattttcta	taatccacac	taatnncann	tacnt			935

<210> 3462

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3462

nttttgtata	ctttnccttt	ntctcaggcc	tttttgcagg	atccctcgat	tgcgccagac	60
tcatttgttt	cattcacatt	cctcacgtgc	ntnaacatan	ttatatattta	agaaaatgta	120
actttgttac	atcaaaatat	gttgtctagt	aaaaagttga	tattcagtag	aacaaggatc	180
atgtaaaata	acatctattt	cacatgtacc	caaaagcatt	taaaaagcag	aatccagggc	240
ccagagcatg	agccagggag	gaggatgttt	ttcttctttt	ctctattttt	ccctaaattg	300
tgcaaacata	ggtgagtctc	ttaacctttc	tgtgcctcag	tttttctacc	tctaaagggg	360
tgggatgggt	cttcaaattg	tttctaaaac	accggcactt	tcagcagtg	tctgggtggc	420
tgagatgaga	gcaccgtgtt	cagaagtgcc	tgggagtgcc	acagtggaaa	ctccgcttgc	480
acggaccatg	gagtctgctc	aggaccatgc	tgtaggacac	acagcctcat	gcgctgagaa	540
agcaaaggaa	gtgctgggtg	taaaagttgc	atgattccat	gaagctttag	ttttcctttt	600
tttggtttta	aaagaaagg	ttttatatgt	tctattgnaa	aatatggaaa	ttaaacaggg	660
acttcaagaa	agccgcacag	aaagatcacc	ttctgatggg	gtgatgggtg	tcctgacatt	720
cnggccgang	tctgnattct	gaaaaaagan				750

<210> 3463

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (734)

<223> n = A,T,C or G

<400> 3463

gcttgnctnc	tnctttttca	aatngctnng	ctactngttc	tttntgcagg	atcccatcga	60
ttcgaattcg	gcacgagagt	ggctggataa	aaggatgtgt	gggaaagaac	tgagttgaaa	120
ttaggagtta	gaattttatt	ctttggtact	aaggaatcat	tgaagatttt	aaaattaggg	180
ctgacataat	cagatttgag	tttgggaacc	tatagtttgg	gactggagga	agacaggtgc	240
cagacaccag	ttaaaaagct	gttattttct	aagcagtaga	caaaggttta	cactgacaat	300
agctgtggag	atagagaaaa	gctgcgagat	ttcagagttt	tccaaggtgt	aaacaactaa	360
attttgtgat	caaaatgata	agggccatct	aataagctgg	ggaatgtggg	atctgtcttg	420

gttgagttgg	tggattaaact	ganattaaca	gagctggagg	aaatgtaaaa	agaaaggcag	480
gattgttcat	tttgtctttt	gtttgtttnt	ggggaacagg	gtcaaaaattt	tcattctgcc	540
taangtaggt	tttagtcttt	ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttt	600
ggaagaaagg	caaccattag	taatattttt	tgaagttccc	tacctgggta	attttttcaa	660
taaaaaactn	aggtttctcag	gttagcnaga	atcatgggtct	taggaagggt	ancttgtaag	720
acccaaaatt	atnt					734

<210> 3464

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 3464

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ntagacaggg	tttcgcccac	gttggtcagg	ctgggtctcaa	actctngacc	tcagggtgatt	180
cacccacctn	agcttcccaa	agtgtctggga	ttataggcgc	gagccaccat	ggctcancct	240
catgttcggt	tttaaaactt	aggatgggtg	ctcttntaca	tgattggca	ggaactcttc	300
atattacgag	gcacttagct	agntgnctgt	gaaatanaat	actaatgatt	gaactttcta	360
ggaagtgcct	attctgctaa	tagtgnaaat	atacacttat	ccagggtcag	naatactnna	420
gtntacccac	ttaaangate	tagacataca	tgaacttggg	cttacttgcc	cggtanaaatt	480
gcatacttta	naatagtcca	tcaccttact	taangnagat	atgcntngat	tatccngatt	540
actcnntaac	atagcctctc	nccttanctg	tctcacctga	atgtantacc	tggacctctn	600
caagtcnanc	agaggccnat	aataaaagtt	canaagttta	nncnnnacac	ccctctcccc	660
ccnccccanta	ncecaanccc	ctcccannac	ccccctctccc	nceccacnct	cacctcnna	720
tcnccccacc	ccactennnn	nncannctt	ccccccccacc	ccccnnnct	acnctcct	780
cccatcnng						789

<210> 3465

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 3465

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ctcaggcttg	ccacagangc	ctcccagggc	tctcgggccag	tcagcctcag	aatgagagtt	180
acaccactgg	cttccttggg	tcaaccacct	tcttacctgg	actgagcctc	acttacagct	240
tctctaggtc	tccagcttgc	agacagccta	tgggaggact	tctcagcctc	cataagtgtg	300
tggggcagtt	cgctaataa	atccccctctc	ctggccgggc	gcggtagctc	tcccctgtaa	360
tctcagcatt	ttgggaggca	gaggtagggtg	gatcacctga	ggtcaggagt	tcaagaccag	420
cctggccaac	atggtgagac	ccccgtctct	actaaaagta	caaaaagtaa	ctgggtgtgg	480
tgtctgggtg	ctgtaatccc	agctactcng	gaggtctgaag	cangagaata	cttcgacctg	540
ggaggtanag	gttgcaagtga	gcccagagac	gagccactgc	actccagcct	gggtgacagg	600
gcaagactct	gtctcaaaaca	anatnaaaat	ccctctccaa	aaaaaaanac	cncctccaag	660
tttaaccat	tcanntcct	taccaannga	ancntctatt	nancaaaaana	tcnnnccncc	720

tnccccncca cccccnnngng tcnttaatcc cnanncc

757

<210> 3466
 <211> 780
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 3466

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attcgtgccc	tcaggcagcc	aaagcacttt	aacccttgca	tagggagcag	agggcggtac	120
ggcttctgga	ttgtttcaact	gtgattccta	ggttttttcg	atgccacgca	gtgtgtgctt	180
ttgtgtatgg	aagcaagtgt	gggatgggtc	tttgcctttc	tgggtaggga	gctgtctaata	240
ccaagtccca	ggctttttggc	agcttctctg	caaccacccg	tgggtcctgg	ttgggagtgg	300
ggagggtcag	gttggggaaa	gatggggtag	agtgtagatg	gcttggttcc	agaggtgagg	360
gggccagggc	tgctgccatc	ctggcctggt	ggaggttggg	gagctgtagg	agagctagtg	420
agtcgagact	tanaagaatg	gggccacata	ncanacanagg	actgttgtaa	gggagggagg	480
ggtanggaca	gaagctagac	ccaatctcct	ttgggatgtg	ggcngggang	gaaacacgct	540
tgganggtta	atttaccac	nnaatgtgat	antnataggg	ganggaagct	gctgtgggtt	600
taactcctgg	gttgncttgt	tgggtagaca	gntnggggaa	aaaggccccct	tgaattcatt	660
gtaagcncaa	gtcccaactt	ngccccctgac	tccctgccng	gnggtattng	gggaaacttt	720
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<210> 3467
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 3467

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ctttcaaaga	taaaaacaaa	aatgatggcc	ttaaacctaa	gcaggctgac	agtgtagagc	180
aagctgttta	ttactgtaag	aagtgcactt	accgagatcc	tctttatgaa	atagttagga	240
agcacattta	cagggaacat	tttcagcatg	tggcagcacc	ttacatagca	aaggcaggag	300
aaaaatcact	caatggggca	gtcccccttag	gctcgaatgc	ccgagaagag	agtagtattc	360
actgcaagcg	atgccttttc	atgccaaagt	cctatgaagc	tttggtacag	catgtcatcg	420
aagaccatga	acgtataggc	tatcaggtca	ctgccatgat	tgggcacaca	aatgtagtgg	480
ttccccgatc	caaacccttg	atgctaattg	ctnccaaacc	tcaagacaag	aagagcatgg	540
gactcccacc	aaggatcggg	tcccttgctt	ctggaaatgt	ncggctctta	ccatcacagc	600
agatgggtgaa	tcgactctca	ataccaaaag	cctaacttaa	attctacagg	agtcaacatg	660
gatgtcccag	tgttctgtat	aaaatgcaaa	ataaatgggt	tttattaacc	anacaaanaa	720
aaaaaaaaac	ntcgagccct	n				741

<210> 3468
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 3468
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 aaacacacat taaaatattt catgctccga acgccagcgc accaagtagc agcctcagca 120
 ctttcaaaga taaaaacaaa aatgatggcc ttaaaccctaa gcaggctgac agtgtagagc 180
 aagctgttta ttactgtaag aagtgcactt accgagatcc tctttatgaa atagttagga 240
 agcacattta cagggaacat ttccagcatg tggcagcacc ttacatagca aaggcaggag 300
 aaaaatcact caatggggca gtccccttag gctcgaatgc ccgagaagag agtagtattc 360
 actgcaagcg atgccttttc atgccaaagt cctatgaagc tttggtacag catgtcatcg 420
 aagaccatga acgtatagga tatcagggtca ctgccatgat tgggcacaca aatgtagtgg 480
 tcccccgatc caaacccctg atgctaattg ctnccaaacc tcaagacaag aagagcatgg 540
 gactcccacc aaggatcggg tcccttgctt ctggaaatgt ncggctctta ccacacagc 600
 agatggtgaa tcgactctca ataccaaaag cctaacttaa attctacagg agtcaacatg 660
 gatgtcccag tgttctgtat aaaatgcaaa ataaatgggt tttattaacc anacaaanaa 720
 aaaaaaaac ntcgagccct n 741

<210> 3469
 <211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(860)
 <223> n = A,T,C or G

<400> 3469
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 tctgaacact aaacattgct aagaaaacca cccaccacca ggatatttgg aagtaacttc 120
 acatatggaa aagttaaaga ctcaagtctct gagaaaacaa ttggactgat gcgaatgcag 180
 ttttgaaaaa aaactgtgga agatatatac tgtgacaatc caccacatca gcctgtggcc 240
 attgaactat ggaaggctgt taaaagacat aatctgacta aaagatggct tatgaaaatc 300
 gtcgatgana gagaaaaaaa tctggatgac aaagcatatc gtaatatcan ggaactggaa 360
 aattatgctg aaaacacaca gagctctctt ctttacttaa cactagaaat attgggtata 420
 aaggatcttt catgccacat catgcttgca cgtcattatt gnaanaagcc ccnaangcat 480
 ttgtccacct gcntngaagc gncaacaccc ntnttccctg gggaagcctt tnnncaaaaa 540
 ggcngttccc ntctctccat ggnnttntt ntncnntgg cctnccttn ggccgatttn 600
 cactnacna angnaccttc nntttctcg nmatggatat cccaangnc ttttnnaccn 660
 nctcgnaccc acnanctggn taantctnac atctgcaccc nttctggccn cctcttccct 720
 cggntcacct anctccgan ccaccnatct cnetncccat tggctctctg aggnntcnet 780
 ctnttnnctc tctcacatna tntantntng cnnnccectt ntncgtnta aatanntcca 840
 tntctctcn ccngnntat 860

<210> 3470
 <211> 1191
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1191)
 <223> n = A,T,C or G

<400> 3470

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acgggagaaga	ctttgggaaa	cacacattaa	aatatttcca	tgtttttnaa	cgccagcgca	120
ccaagtagca	gnetcagcac	tttcaaagat	aaaaacaaaa	atgatggcct	taaaccctaag	180
caggctgaca	gtgtanagca	agctgtttat	tactgtaaga	agtgcactta	ccgagatcct	240
ctttatgaaa	tagttangna	gcacatttac	agggaaacntt	ttcancatnt	gncantactn	300
ttncatanta	caggenggnn	aannnatcac	tcaatggggc	ntgtnnnenn	tangetctct	360
atnttctctn	cnntannenc	tgcancnnn	cttnnnnatn	netnnnnnt	ntcctnncc	420
cccttaattc	ccgntnnant	ngcanntnct	cnnanctanc	natenanaty	nactcatatn	480
tttcaacnnc	cctgccttat	tcatacaacan	nnnngntanc	gcatttnnct	cactctatnt	540
ctctctnntn	nnnnntttnt	ntntcgatat	ctcttnnacn	cactacntnc	ctctctnact	600
ctcanantac	tcttntctct	ctactcttca	naengtnntn	aancctctct	atctatenca	660
cntnnnatat	acancacnct	ctctactanc	acacntctcn	catcagaetc	tentctantc	720
acanaagatc	ctncnctcta	ctnttaccga	ngnagtcncc	ntctccnntt	acttnaatnc	780
cacnnntca	ctnnccnate	cnnctatntc	gcatinatnc	actcactent	tcnatnctta	840
tntntncc	ntctctctnt	ntccnntga	ngatacatat	gtccanactc	nancntccn	900
atcnnctcnc	tgtntttntn	cactntctcn	tntcaccntc	tannacatcn	tctctntcnn	960
acgttanata	caatacgetn	tntacctctc	tattntttntc	tgacacanat	ctctctctca	1020
ccactcactc	tgntcacgta	tctggaaca	ctacncantc	cgtctcacct	ntnanatcgn	1080
ctctacantc	tctnactact	actctctcac	tentctctct	acancnttca	catctctctc	1140
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<210> 3471

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (736)

<223> n = A,T,C or G

<400> 3471

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tctcacctaa	aggctaatag	ttttaagtaa	gtttcttttt	ctttttttta	tttaaaaatt	180
aaaaaatttt	taattaactt	tttttaaatt	aaaaaaaatt	attaattatt	tttaatatag	240
aggactcttg	tatgctgtcc	aggctggctc	tgaactcctg	gtctcaagtg	atcctcctgc	300
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ttttctgtat	acatttcttc	agccacttca	atcaaacatt	taattaacat	gctataatga	420
atgacttttc	ttactaggct	aacaaatgag	gcacttggaa	acttacttta	gttacagcct	480
cactttcttt	ttttgngagg	aaattctgtg	ttgacatact	ctttaatttc	tttttacctt	540
ttctgactga	ttttctgtaa	tttggaata	ttgngatgac	tgcttattct	aataatatta	600
acatatagca	ttcttttagc	acataaatag	tttcatttgc	atagtaagcg	ccaggctttn	660
ccatcgatt	ttgatnaaaa	taatccatgc	ttcatggtac	cttagagatg	ggatatttta	720
aggcctctan	aactan					736

<210> 3472

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3472

nttttgtata	cttttncett	ntctcaggcc	tttttgcagg	atccctcgat	tcgccacgac	60
tcatttgttt	cattcacatt	cctcacgtgc	ntnaacatan	ttatatTTTA	agaaaatgta	120
actttgttac	atcaaaatat	gttgtctagt	aaaaagttga	tattcagtag	aacaaggatc	180
atgtaaataa	acatctatTT	cacatgtacc	caaaagcatt	taaaaagcag	aatccagggc	240
ccagagcatg	agccagggag	gaggatgttt	ttcttctttt	ctctatTTTT	ccctaaattg	300
tgcaaacata	ggtgagtctc	ttaacctttc	tgtgcctcag	tttttctacc	tctaaagggg	360
tgggatgggt	cttcaaattg	tttctaaaaa	accggcactt	tcagcagtgt	tctgggtggc	420
tgagatgaga	gcaccgtgtt	cagaagtgcc	tgggagtggc	acagtggaaa	ctccgcttgc	480
acggaccatg	gagtctgctc	aggaccatgc	tgtaggacac	acagcctcat	gcgctgagaa	540
agcaaaaggaa	gtgctgggtg	taaaagtgtc	atgattccat	gaagctttag	ttttcttttt	600
tttggtttta	aaagaaaagg	ttttatatgt	tctattgnaa	aatatggaaa	ttaaacaggg	660
acttcaagaa	agccgcacag	aaagatcacc	ttctgatggg	gtgatgggtg	tcttgacatt	720
cnggccgang	tctgnattct	gaaaaaagan				750

<210> 3473

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (847)

<223> n = A,T,C or G

<400> 3473

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tcattcacat	tcctcacgtg	caacaacata	attatatTTT	aagaaaatgt	aactttgtta	120
catcaaaata	tgttgtctag	taaaaagttg	atattcagta	gaacaaggat	catgtaaata	180
aacatctatt	tcacatgtac	ccaaaagcat	ttaaaaagca	gaatccaggg	cccagagcat	240
gagccagggg	ggaggatgtt	tttcttcttt	tctctatTTT	tccctaaatt	gtgcaaacat	300
angtgagtct	cttaaccttt	ctgngcctca	gtttttctac	ctctaaaggg	gtgggatggg	360
tcttcaaant	gnttctaaaa	caccggcact	ttcagcagtg	ttcnggtggc	ctgagatgag	420
agcccggtgt	cagaagtgcc	tgggagtggc	ccactgggaa	actccgcttg	cacngaccnt	480
ggagtctgct	cangacctgc	tgtnggacca	cacancctna	tgcgctgnga	aagcanaagg	540
aantgctggg	ngtaaaaagt	tgncattgat	ttccttngan	gcctttttna	nnctctccnc	600
ttcttttttg	nntttaaaaa	aanaaaaagg	ggtntnttat	cantggntcc	nnntttcggn	660
aaaaaantnt	tgggcaaaac	ttttnaaacc	naggggggnc	cttntccacg	caaaaagccc	720
cgcacccagg	nnaacngnaa	tttccccctt	tnccnggnat	gggctcngtc	ggaaatgcng	780
ccttncctcn	ggaaccantt	ctcggggccc	naannngttn	nnggccnatt	tcncttgna	840
aaaaann						847

<210> 3474

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (847)

<223> n = A,T,C or G

<400> 3474

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tcattcacat	tcctcacgtg	caacaacata	attatatTTT	aagaaaatgt	aactttgtta	120
catcaaaata	tgttgtctag	taaaaagttg	atattcagta	gaacaaggat	catgtaaata	180

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aacatctatt tcacatgtac ccaaaagcat ttaaaaagca gaatccaggg cccagagcat 240
gagccagggg ggaggatggt tttcttcttt tctctatatt tccctaaatt gtgcaaacat 300
angtgagtct cttaaccttt ctgngcctca gttttttctac ctctaaaggg gtgggatggn 360
tettcaaant gnttctaaaa caccggcact ttcagcagtg ttcnggtggc ctgagatgag 420
agcccggtgt cagaagtgcc tgggagtggc ccactgggaa actccgcttg cacngacct 480
ggagtctgct cangacctgc tgtnggacca cacancctna tgcgctgnga aagcanaagg 540
aantgctggg ngtaaaagtt tgn cattgat ttccttngan gccttttnaa nncctccnc 600
ttcttttttg nntttaaaaa aanaaaaagg ggtntnttat cantggntcc nnttttcggn 660
aaaaaantnt tgggcaaaac ttttnaaacc naggggggnc cttntccacg caaaaagccc 720
cgcaccaggg nnaacngnaa tttccccctt tncnggnat gggctcngtc ggaaatgcng 780
ccttnccctn ggaaccantt ctcgggcccc naannngtnn nnggcenatt tcncttgna 840
aaaaann

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<210> 3475

<211> 694

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(694)

<223> n = A,T,C or G

<400> 3475

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atctgaaaat aagtgccttg agtggtcgta cccttatatt ttttaagatt cctagaagga 120
atcttngggt aattcagatt gagcanttaa agtttttgct atttaccttt gtgcaggctg 180
gcatatgcta atttgggggt ggtaaccaac cgattttatc tcatgtaagc attacatttt 240
gaagactgaa tatacttcac agcagatcaa acacatttat ggcattgcact gacctcttct 300
tggagcccag aactttatag agttgcctac caggggtttac tgnatggaa tttatgatct 360
taagaaatta ctagtgcac tatttatccc tatgattcat tcattcaatn aagcntttac 420
tgcataaaact ttacatccng cactgtagct taagtncccc aaaaattgaa tngnanntaa 480
ttgngctntt cganaattgc ccaacgcnnn gcccaggcca ccggtggntt naccgctgt 540
nggtccccag cnttnctcgg ggaangcccn agcctnccg gancccnag ttcnnnaaaa 600
tccagacctt ccctggntaa cnnccgtcaa aaccccggtc tnttantaaa aatncanaag 660
atttancntn ggcttggtn ggcnccccc cncn

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<210> 3476

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3476

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tatgtcctct ggacgtggt ctccttcgc taccactgcc agctgtactc cgagtggaga 120
aagaccaacc agaaagtctg cctgaagatc cgggaggcgg acagccccga gggccccag 180
cattctccac tggcagctgg actcctgaag aagtgggcag aggagacacc agtatgaatg 240
ctgggctctc cggaccctgc agcagagagg ccagaggtag ctgggtgatac cctgtcctgt 300
ggaaggactt ccacttcaac acttccactt caacagttcc cgcacggcct gaacgttct 360
taggccaaga gacaccatgc ggagcctagt ctgtgatcct gtgtgaagat attttcaggg 420
ttttttttt tttttgcata tggaggacag gtggacatgg tcctgagctc tggacggagc 480

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angcaccctg	atctcattct	gaggteccaca	tggcaccttc	tgggcccagca	gctgtggccc	540
ngtgtatcaa	agggcgcccc	ttaaagctgg	aacattccac	aagcttcttg	cgcttttntg	600
caccnngcag	gcccactttc	ctggcaccct	cgantttata	taaaaagttg	ccctgcgttt	660
naaaaaaccc	accccctgaa	tgaattaaaa	nggagccct	ggcttgga	aaanaaaaaac	720
atctnnnct	nnntatcn	naaaananaa	ccnnngcct			760

<210> 3477

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3477

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agcatccctca	cttaccagta	tgccgaggac	ctgatcaggc	gacaggcgga	gaggcggggc	180
tgggcccgc	ccatccggaa	gctctatgct	gtgggtgata	accctatgtc	tgacgtatac	240
ggcgccaacc	tgttccacca	gtacctgcag	aaggcaacgc	atgatggggc	gccagaacta	300
ggggccgggg	gcacacggca	gcaacagccc	tcagcaagcc	agagctgcat	ctccatcctg	360
gtgtgtacag	gcgtctacaa	tcccaggaac	ccacagtcca	cggagcctgt	ccttggagga	420
ngggagcctc	cattccacgg	ncaccgagac	ttatgcttca	ntagggactt	tgaaatgggg	480
gaggcagtgt	ggaatactgt	ggatgtctgt	gcagagcctt	tgccggcact	gaaggcatgc	540
agcctgtcgg	cagagtgtct	taacaccag	atgcctactt	tttactgnat	ngtagtttat	600
tgcccggaga	tggttggggct	ttttttttta	aataaaataa	tcataattaa	atgttcatga	660
aaananaaac	atnttcnaaa	aaacttcnag	cctctngaac	tntantngag	tccttatnac	720
ctncatncca	gancttgnta	aggattccat	tgatgaagtt	tn		762

<210> 3478

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1191)

<223> n = A,T,C or G

<400> 3478

tgttttgttt	ttgaaccctt	tttggnantc	cgcaggatc	cccatcgatt	cgaattcngc	60
acggagaaga	ctttgggaaa	cacacattaa	aatattctca	tgcttttnaa	cggcagcgca	120
ccaagtagca	gnctcagcac	tttcaaagat	aaaaacaaaa	atgatggcct	taaacctaa	180
caggctgaca	gtgtanagca	agctgtttat	tactgtaaga	agtgcactta	ccgagatcct	240
ctttatgaaa	tagttangna	gcacatttac	agggaaentt	ttcancatnt	gncantaetn	300
ttncatanta	caggcngggn	aannnatcac	tcaatggggc	ntgttnncnn	tangctctct	360
atnttctctn	cnntannenc	tgccanennn	cttnnnnatn	ncnnnnnnnt	ntcncnncc	420
cccttaattc	ccgntnnant	ngcanntnct	cnnanctanc	natchanatg	nactcatatn	480
tttcacnenc	cctgccttat	tcatacaan	nnnngntanc	gcatttnnct	cactctatnt	540
ctctctnntn	ncnnntttnt	ntntcgatat	ctcttnnaen	cactacntnc	ctctctnact	600
ctcanantac	tcttntctct	ctactcttca	naengtnntn	aancctctct	atctatcnca	660
cntnnnatat	acancacnct	ctctactanc	acacntctcn	catcagactc	tentctantc	720
acanacgata	ctnncctcta	ctnttaaccga	ngnagtcncc	ntctccnntt	acttnaatnc	780
cacnnntca	ctnnccnate	cnnctatntc	gcattnnatnc	actcactent	tcnatnctta	840

tntntnncnc	ntctctctnt	ntccnantga	ngatacatat	gtccanactc	nanenttccn	900
atcnncctenc	tgcctntntn	cactntctcn	tntcaccntc	tannacaten	tctctntcnn	960
acgttanata	caatacgtcn	tntacctctc	tattntntntc	tgacacanat	ctcctctctca	1020
ccactcactc	tgntcacgta	tctgcgaaca	ctacncantc	cgtctcacct	ntnanatcgn	1080
ctctacantc	ctnactact	actctctcac	tctctctctc	acancntnca	catctctctc	1140
tacctctcca	cgctntatac	atatacctcc	tncactcctc	tnanngtntt	t	1191

<210> 3479
 <211> 756
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (756)
 <223> n = A,T,C or G

gnntttannc	nnttgaaanc	cncnngctac	ttgttctttt	tgaggatcc	catcgattcg	60
aattcgccac	gaggcctgcc	agaatggaag	catacagatc	tgggaccgaa	atttgactgt	120
tcatectaag	ttccactata	aacaggctca	tgactcgggc	acagacactt	tttgcgtagc	180
ttntttctta	tgatggtaaa	tgtncccttg	ctctcntgna	ngtgacgatt	cattaaantt	240
atgggacatc	cgacaattta	ataaaccact	tttttcagcc	tcgggtcttn	ccaccatggt	300
ccaatgact	gactgctggt	tcagtccana	tgataagctc	atagtcactg	gtcatctatt	360
caaagaggat	gtggcacngc	aaacttggtt	tctttgagcg	tangactttc	caaaggggtg	420
atgaaataga	catcacagat	gcnantggtg	ttcgctgcct	gtggcatcca	aagctgacca	480
gatcatgggt	ggaactggaa	atggattggc	taaagtctat	tacgtcccn	acaagagtca	540
gangggagca	anattatgtg	tgggtaaaaac	ccaacggaag	gcaaacaagc	tgagactcta	600
ctcaggacta	catcataccc	ctcatgcctt	gcctatgttc	gtgagccngc	cacggagtag	660
aaggaacagc	tggagaaagg	canactggat	ccctgaatcg	cataaacctg	aacttctgta	720
ccaggcccag	ggcntgggtg	ccanttgga	cccacg			756

<210> 3480
 <211> 737
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (737)
 <223> n = A,T,C or G

tacagctctt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	ggaaaacatc	60
taactaagat	ggtttcactg	gtgaattcaa	tcaaataatt	aaggaacaca	taataccaaa	120
accataacac	atncaaant	atggcccttc	agattttgtn	cttcttttng	ggtcagtgtt	180
aataatacgt	atctttcaaa	gaatatcccc	cttttttttt	ggtagagata	gggggttttg	240
catgttggtg	gtagcaagcc	ctaaccctgt	cataaacagg	ccttaaataa	actggccata	300
aacaggattt	ctgcagcaat	gggacatgct	catgatggct	gtcatgcaca	ctgcgaaaag	360
ttgttggttt	actggagcag	ggcaagggaac	acctggcccc	gcccggagca	aaaaactgtc	420
aaaccacaga	cgatagcagg	aaaggcctgt	gccttggcag	catgtttttg	ctgcagataa	480
tcagccagag	cctgtttctc	tgctcctcgc	tgagattgct	ttgtttccca	taaagattgc	540
ttttagctaa	tctacaatct	atagaacaat	gcttatcact	gctttctgtc	aataaatgtg	600
tgggtcaagc	tctgnttggt	gctctcagct	ctgaaaaaaa	aaaaaaaaaa	aaaaactcga	660
gcctntaaac	tntgngagtc	gnntaacctan	atccagacnt	gataggatcc	atgatgagtt	720
tggncacccc	ncactng					737

<210> 3481
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 3481
 tttgaaancc cttagctctt gttctttttt caggatccca tcgattcgaa ttcggcacga 60
 gattcgaaca tatgcagtta ttccactaaa tgatgaatgt gggattattg aatgggtgaa 120
 caacactgct ggnttganac cctantctgg ccnaactatt ttaagaaaaan gggngtggtt 180
 tttgaacagg aaaagaacct tcgccccgtg gtatgcctcc aaangcagca actttatctg 240
 gaaaaactcaa angtattccg agaatttctt ctgnccaggc atcctcctat ttttcatgan 300
 tggtttctga gaacattccc tgatcctaca tcatggtcag tagtagatca gcttactgcc 360
 gttccactgc agtaatgtca atgggtgggt atattctggg gcttggagac cgtcatgggtg 420
 aaaatattct ctttgattct ttgactgggt aatgcgtaca tgtagatttc aattgncttt 480
 tcaataaggg agaaaccttt gaaagtcca gaaattgngc catttcgcct gactcataat 540
 atgggtaatg gaatgggtcc tatgggaaca ganggtcttt ttcgaaaaaca tgtgaaagta 600
 caatgangct gatgcctgat cancgagagc cttaaatgag tgncttaaaag acttttctca 660
 tgaaccntt ggggaatggg gtaaaccatg naangggcnt tccaaacgcc ccttgaatga 720
 aacctggaag aattgncaat gaaaaggcca aancnttnt 760

<210> 3482
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 3482
 tatnnataca agctacttgt tcttttttga ggatcccatc gattcgcaca gttctgcatg 60
 gctggggagg cctcacaatc atgggtggaag gcaaggagggt gcaaaaaccat gtcttcacat 120
 atgggcaagg caggaaaaac cntgtccagg ggaacctcca nttattaaac cnntcaaact 180
 tcattgaaga attaatcact taccacgaga accagattgg gggaaccatt cccatgaatc 240
 aattattctg cacctggccc caaccttgac acgtgggaat tattcaatgc cagggtgaga 300
 ttgggtgggg acccatccaa ctatgtcaag tatgttttga cttctggctt gattgctang 360
 tttgcataga ngacaaacat ggaaattaat gaagtacctt aatatctggc ttcagatctt 420
 agacaggatc aganggccag ctcaaatttg caaggagggg aggtagatcc caccatttta 480
 tgggctatgg caaaatcaaa cagaaattat gtgggatggg agatctgatg cangcatctt 540
 tggaaacatc tacttagcta attttatgct aggccttagg tcaagaagga gagaaaaagc 600
 tgcattgctg ggtacacact tattgtccca ncgacttggg aaactnangc aggangattg 660
 cttgatccca agaatttgan gtaatgtgcc aagaaccgtc ttngaatag ccctaccctt 720
 gaactcaact tgggcaacat tganaaaccc tn 752

<210> 3483
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (783)
 <223> n = A,T,C or G

```

<400> 3483
gnnnnnntnn nnnttttaan ctttttagcta cttgttcttt ttgcaggatc ccatcgattc      60
gaattcggca cgagaggcgt ccttgcggaaggaggcatttt agctgaggct ttggagtacg      120
aataggagct cagcaggcag acgaaatgaa ggaantaaag gtcagaagaa aggtcagaag      180
cttgagtacg gttttggaaa tccaccccggt tttatttgggt agaacttggg ggttcaaaaag      240
ggccagggtgc ctcagaattt gagggccaca cagtgagggtc tgggtggggtt gaaaggggacc      300
caggaaccga ggcgttcagg aaagcagggtt gtcagagcta tgtggagtct gtgggtggca      360
ngggcaaccg ctccagcctt tgaagacttt gaaagccaga gattcctgcg cangcttggga      420
cttcctggga gtcctcccaa gtacccaagg gcatcagagc tgccctgggtg ttacatggcc      480
caaggaaccc aggttcangg taggacaggc aagaccagat cccaatgtgc aaagtgaaaa      540
cactgggctc ctgttaaacg atgaagaatt caagacagtg acagcattac gtcacccctg      600
gggacaaaang tcaacctaaag gtgacacacg gggactactg tgctttcgga ngctnccctgt      660
gtcctggagg anaaaagctt tanagggggc aactggacaa cttccacttg caaaattcca      720
accttgcttg ggcaaggnc cngnctggga ctnaacattt ttgatatgcc ttaaaaaatta      780
ttt
  
```

<210> 3484
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (733)
 <223> n = A,T,C or G

```

<400> 3484
tacangctct tgttcttttt gcaggatccc atcgattcga attcggcacg agggaaccat      60
gagaaccgaa gctagaattg ctattgaatt actttatttt ctcttcctta ttgggtagag      120
atacatcatt actggcctca ggggtttacc caaagaaagg gtatttttga gcaaataatg      180
tgatttcctg gctattttgt tgggggctta agattttttt ttttcaaatg catttttagt      240
cactaaaaat taactgtcgt accatctaga actatactgt ccagtagcat agcctctagc      300
cgtatgtagc tatttgtatt aagattaatt gaaattttta atccagttcc tcagtcacac      360
tagccacttt ctaagtgtc agtagctctg tgtgaccagc ggctactgta ttggatatta      420
tagaagggtt ttctattcaa gatcatcatt cttgacagac ccataaatat ttctataaaa      480
gactgtagaa gtgtgttctg gaggggttgc tctccaaaaa gaattgtaat atagagtaga      540
attgggatag agtattgaag acaactgggt tagacattgg atattttaat gattggngg      600
tctaatactg tgctgcaact gagttatcta gngatatgac ctcttgcttg ccaaagccng      660
aattnaagca ggattcctga atctatctta aaattgcaat gaaaaccttt tccctaaaaat      720
atcccttttg taa
  
```

<210> 3485
 <211> 806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (806)
 <223> n = A,T,C or G

<400> 3485

```

gnnnnnnnnt ttngnnntna tgaaaacccc tttaatgaaa ccctttttga anccttatga 60
ancccttngc tgcaggatcc catcgattcg gcagcgcacc aggtgggtttt aggagaaaac 120
ttgatagcca cagccctttg tctttctggc agtgggtctc agtctgattt gaaggatgtg 180
ggccagcaca gcaggagagg aggggggacac aagccttcgg gaagagcctc catccagtca 240
ctcggtctct taaggcaggg tgccatacta agcagcttgc ctccaggaat tgctctgaag 300
agaaatcccc acaaacctcc atcctaaagg aaggtaacag gggacacaag cttggatttc 360
cgacctgtag tgtctccagc aaatgggggtt gaaggagtcc cgagtggatc aggatgatga 420
tcaagatagc tcttcttgaa gctttctcag aacattgctg tcagactgac tttaaagacag 480
ctgattcaga ggtaaacaca gatcaagata ttgaaaagaa tttggataaa atgatgacag 540
agagaacctt gttgaaagag cgttaccagg angtcctgga caaacagang caagtgggag 600
aatcagcttc caagtgcaat taaagcactt cagcaaaagga gagaaganga aatgaagaat 660
cccaggagat attaaaggct atcaggatgt gacaattaaa ccgggaagaa acaaagaaga 720
agattgagaa agagaanaag gagtttttgc aaaagganca ggactgaaaag ctgaaatgaa 780
aaactttttg aaaaggccaa aggtan 806

```

<210> 3486

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (792)

<223> n = A,T,C or G

<400> 3486

```

gnnttttnann nnnnttttat nnatacaagc tacttggttct ttttgcagga tcccatcgat 60
tcgaattcgg cacgaggcat aacgaacctt accctcagag gtttaccaag attcaaaaaca 120
cgaaactgac catgaaaccg ggacgggcat ttgggtcaag tgcgggtnc cagcttttggg 180
aaggtggtct tcgggcaacc cacttctttc aaccaatttt cacaagtggg aacaattggg 240
gcgggccttc cgtcgtgggc ccccttcggg ggcttgacac taatgggaca gaagctctcg 300
gtgcccgaac gattgcctgc caganggact tgaccacagc ctggctggga actgctctgt 360
ggaggacctc caggactgag actgggctct ggtttccaa ggtcttctact aggcccccta 420
ctacacctgg aagtttcaga acccaacttg gggggcctcc tgccctgggca ggctcttcaa 480
gtgtggccct ctttggagtc aacctnctt tccgaccccc tccccctagc ccagccccag 540
tactgtcan ggtcgggcca acccctgcac tgcttgcant antggcctgg gctaggtcac 600
ttcacctntc tggectaatt tcccccttg agtccctaag gcctggaagg tgggaagtat 660
gtctangggg caatgtcttt ttcangggga attctaactn ttgggaaccc ccttgttcca 720
agggaagggn aacctttttc attcaacatt gtagggggcna agctttgtgc gccccctgtt 780
aggancaaac cn 792

```

<210> 3487

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 3487

```

tcccttggnn nnnnnnnnnn tttannnata nagctcttgt tctttttgca ggacccatcg 60
attcgaattc ggcacgagga aaacatctaa ctaagatggt ttcactgggtg aattcaatca 120
aatattttaag gaacacataa taccaaaacc ataacacata caaatatatg gcccttcaga 180
ttttgtactt ctttttgtgt cagtgttaat aatacgtatc tttcaaagaa tatccccctt 240

```

```

tttttttgggt agagataggg ttttgccatg ttgttggttag caagccctaa cctgtgcata 300
aacaggcctt aaataaactg gccataaaca ggatttctgc agcaatggga catgctcatg 360
atggctgtca tgcacactgc gaaaagttgt tggtttactg gagcagggca aggaacacct 420
ggccccgccc ggagcaaaaa actgctcaaa ccacaaacga tagcaggaaa ggctgtgccc 480
ttggcagcat gtttttgctg cagataatca gccagagcct gtttctctgc tctcgtga 540
gattgctttg tttcccataa agattgcttt tagctaattc acaatctata gaagcaatgc 600
ttatcactgg ctttctgtca ataaatgtgt gggtaagct ctgtttgtng gctctcagct 660
ctgaaaaaaa aaaaaaaaa nnnnnnnncc tcgagcctnt aaaactatag ngagtcgtnt 720
tacgtanac cagacatgat aaganccatt ggtgagtttg 760

```

```

<210> 3488
<211> 752
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

```

```

<400> 3488
gnnntntnnn nnntntnatn gctnaagct acttgttctt tttgcagga tcccatcgat 60
tcgaattcgg cagcaggtcc aggttctctt ctgatggcca acccacttt aatgctggcc 120
agtctatctc acacaaagt ctaagtttct caggtgtcat agtaactcca tagtctctt 180
aaatcccttt ttgaaatttt tcaacatagt tcttagtggg atgggcttac tttgtgctg 240
acccatgttt tctcaagaca aaacaccatg gcaggaacag ccacttgcac ctggtcccg 300
tgccacactg cgggtgcttg tgtggttggt gagcctgtcc ctgcgcgcct tgctcccggt 360
gagccacgct gtctggtggg tgattctctg cctgagccac caccctggac tggccagtct 420
ccagagctgg cacacctgc tgttttctct ttttagacac aacagccgca gtttggcagc 480
cactaagtcc caccagctga ggtccgagga aagcgggggt agctattcca gctncttggt gttggttgca 600
cccaggagga gtgaggtgtc cagcctgcaa agctattcca gctncttggt gttggttgca 660
ataaattggt atttaacaaa caaaaaaaaa aaannnaaaa aaaaaaaact cgacctntaa 720
actatagtga gtcgattact anatccagac atgataagat ncatgatgat ttggacaacc 760
cacttgaatg cctgaaaaaa atgtttnttt nn

```

```

<210> 3489
<211> 761
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(761)
<223> n = A,T,C or G

```

```

<400> 3489
cgtntttttnn nncnanna aagcccttgg ctacttgntc tttttgcagg atcccatcga 60
ttcgaattcg gcacaggat cagccacct cggcctcaca aagtgttggg attacaggcg 120
tgagccacct tgccaccca catcatcac ttgaaatgaa actttgccac aaccagcctt 180
tgctgtacac acacatatat cactgaacct ggttgaaata agntttttt tcttttctt 240
ctggtattct gggttctgaa gtctggtatt ctggtattct gggttcaaaa gtatgacttg 300
agagtgttgc tctggtattc tgagagttgc tctgtattct gggttctgaa gattatttga 360
aaaataaact ctactacatt gaaatgcaga cttaaaaatt taaacattgg attaggcagt 420
caaaaaaacc aagcaagcat aaaagggtcaa taagttgtaa tcttgatagt aaagggtggaa 480
aacttattat aaatggaaag aaagtttatt tctttttttg gttgatgggc agtatgccat 540
attataccca aagttctttt aaaaaatatt tccatcacca tttttattta aaataaacat 600

```

ttgaggggaag	taccaaggga	gctttttttcc	tcaaaaagtac	ctgggtcctct	ttgggaatag	660
cacattttan	gggcattggg	taatectgag	attttactca	ntaaatcctg	atgggtactgg	720
gtgtaaaata	tcttttagtng	gattgaaggc	cttgnggggg	a		761

<210> 3490
 <211> 805
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(805)
 <223> n = A,T,C or G

<400> 3490						
gnnnnnnnnn	nnnnnnnttt	gaaannccct	tntnnnnnnn	ngnntttann	cnnttgaana	60
cnanagctac	ttgttctttt	tgcagatccc	atcgattcga	attcgggcacg	aggcaaggcg	120
ccgggggaca	cgttggctgc	gttttcggcg	ggcttccggg	tcaaaaatgg	ctggggccttg	180
cgaattctnc	tgggctactn	cgtaggcana	anggccantt	tgggccccga	agttctgggn	240
gtcgaaatcc	ggccggacgg	gaagcttang	atatccacca	ccacaaattc	caaaaatgat	300
gtgatgatca	gaaaaagaag	cttatgtgcc	caagaatgta	atgggaaaga	actgaagaga	360
attattgatg	acagtgaat	tacaaaagaa	gatgatgctt	tgtggcctcc	cctgataggg	420
gttgccccga	caggagcttg	aaattgtaat	tggagatgag	cacatatctt	ttaccacatc	480
aaaaataggt	tctcttattg	atgtaaatca	gtcaaaggat	cctgaagcct	tcgagtattt	540
tactatttgg	tcaagacttg	aaatgtttag	ttttcaatct	tattggatta	cacttcaaga	600
ttaaaccat	ttaaattgna	tgttttcang	ctggttgnat	atttaattaa	gggatgggaa	660
gggttatttg	gcatttacag	tattgggggt	tttatgaatg	tgaagcaaac	aaaaaaatt	720
tgtatgtaaa	ctggaaatta	ggaaaatccn	ttaccaagct	taatgggtat	ccttacttga	780
gtccacatgg	gttggcagtc	cccan				805

<210> 3491
 <211> 805
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(805)
 <223> n = A,T,C or G

<400> 3491						
gnntttaaan	centttttnt	nnnanacagg	ctacttgctc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgaggcc	tgggaaagcg	tggcgcccat	gaatatccgc	aggagcacgc	120
atgacctggg	gggccatgga	cgggatgggt	tgtaccccgt	ggggggtaaa	cgaacgggta	180
gcttncaacc	ttcaacttcc	attcgangaa	agtacaaaacc	ccgangganc	aacaaagtgg	240
gggtgggcgc	attcctggca	ttgtttcaac	tgcgcaa	gcaagtgtgg	ggttgtgggc	300
gggtgcttgg	aagctgcttc	aatttccccg	ncatcc	ttccccgacg	cttgccccgt	360
ggccctccac	caagcctctt	gacccaccta	ccaccagaag	ccttgcagcc	ttccacatgc	420
cttaaggggg	accgtggccc	ccaccagggg	acgtcctgcg	ccatccgttc	acgtctcttg	480
catcatctct	tcatgtcttt	atttagttgn	ttatttattt	aagttattta	tcttattgag	540
aggtgaggag	tgccacggct	gcccgtttac	acctttagcg	tctggctcctn	ctgcgtgtcc	600
tcccttcaact	ggctgcatgg	ggggcccggg	gagtgacaag	cnggggcctt	accggcccaa	660
ggcccggttgc	ctgctnaaac	cttgcanget	gtggagcaag	aggcctgggt	ctttcnaaca	720
ctgcagaccc	acttgaattt	gcacatgcgg	ggtcccggga	aggtggggaa	caagtgtcct	780
tctgtcgtcn	nnttgccgng	tgcca				805

<210> 3492
 <211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (795)
 <223> n = A,T,C or G

<400> 3492

ggctactnngn	nngtntttgn	angcnntttt	nantatacag	ctacttggtc	tttttgcagg	60
atcccatcga	ttcgaattcg	gcacgaggna	atgacattca	tgccagttct	tccctgaatg	120
gcagaagcac	tgaagaagta	aagcccatcg	gtgaaaacct	ggggccaaac	tgggaaatct	180
gntgggtgnc	ttccccang	ntttaaagga	gatcaatgtn	gaaanggtan	cnggattcaa	240
catttggnca	agccgattca	agaacagtga	aagttattgn	ggatcttatg	ggaccaattt	300
gggccaagaa	gaagtctttt	agacagcttt	acgtccaaca	atgggaccca	tttcaagtat	360
tacttgggtg	ggcattccag	tcaacccatg	gaaaattctg	gatttcgtga	agatattcaa	420
gtacctcctg	gaaatggcaa	cattgggaat	atgcaggtgg	ttgcagttga	aggaaaagggt	480
gaagtcaagc	atggaggaga	agatggcagg	aataacagcg	gagcaccaca	ccgggagaaac	540
caggcggaga	aactgacgaa	ttctctaata	ttagaagang	aaagangaca	taggatgcaa	600
cactttgagc	gaaggaacca	aggcccgcca	ggtgggaant	ggaagtgatn	ggganccctt	660
gggcttcgac	cagaaggtcc	cgangcagcc	tcaatgacca	natcgctctg	tgctgatgaa	720
actgcaggag	gacatgcnaa	atgtccttta	aagactgcag	aaactggnaa	ccctactgnt	780
tttcaggcna	aaaaa					795

<210> 3493
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (734)
 <223> n = A,T,C or G

<400> 3493

gcttgncctnc	tnccttttca	aatngctnng	ctactngttc	tttntgcagg	atcccatcga	60
ttcgaattcg	gcacgagagt	ggctggataa	aaggatgtgt	gggaaagaac	tgagttgaaa	120
ttaggagtta	gaattttatt	ctttggtact	aaggaatcat	tgaagatttt	aaaattaggg	180
ctgacataat	cagatttgag	tttgggaacc	tatagtttgg	gactggagga	agacagggtgc	240
cagacaccag	ttaaaaagct	gttattttct	aagcagtaga	caaagggtta	cactgacaat	300
agctgtggag	atagagaaaa	gctgagagat	ttcagagttt	tccaagggtgt	aaacaactaa	360
attttgtgat	caaaatgata	agggccatct	aataagctgg	ggaatgtggg	atctgtcttg	420
gttgagttgg	tggttaact	ganattaaca	gagctggagg	aaatgtaaaa	agaaaggcag	480
gattgttcat	tttgtctttt	gtttgtttnt	ggggaacagg	gtcaaaaattt	tcattctgcc	540
taangtaggt	tttagtcttt	ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttt	600
ggaagaaagg	caaccattag	taatattttt	tgaagttccc	tacctggtta	attttttcaa	660
taaaaaactn	aggttctcag	gttagcnaga	atcatggtct	taggaagggt	ancttgtaag	720
acccaaaatt	atnt					734

<210> 3494
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(766)
<223> n = A,T,C or G

<400> 3494
gnnnttnnann nnnnttttan nnnatacagg ctacttggtc tttttgcagg atcccatcga 60
ttcgaattcg gcacgagcac catcgaatat ttttatttat tttgagagac agactctgtc 120
accagggcta gtcttaaaact gttgggtgaa tcttaagtga ttctccacc tcagcctccc 180
aaagtgtctg ggattacagg gcatgagcca ctacccttgg ctgtgatcaa gtattttagt 240
ctgttggtta aatgtttact aaatagtctg aagtagagaa aatagcacc aatctaaaat 300
aaggtgaggt ctagtcactt atttaaatct acattttaag ctatagttta ctattagttt 360
aaactttaag acaggtaatg ttcagtctgc agacaatcta agggcattat taaaatgttt 420
gttcttcctt atctcagaat tgaagtatgt cagaagcaag acttttcttt ccattttgtt 480
atagtagaaa tgcatacatt aacaggtacg ttttagacat tacacgtgct catctgcccc 540
aaagctctaa tgagctgctt taccttggaa tgtttttctt agcttggatt tgcatttttg 600
gagggattaa gaaaagactt ggctgggctg tgggactcat gcctgtaatc cacanttttg 660
gaaccnagcg gtggatcatg angtcaggag atggagacca tccggctaatt acggngaacc 720
cccgttttta ctgaaaatcc aaaaattact gggcgtggng gcggcn 766

<210> 3495
<211> 872
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(872)
<223> n = A,T,C or G

<400> 3495
nttananttt naaaaacccc ncttntnttg gcctnacctt ncggttttct ttttttttgg 60
gccaggggna atnccccca tncgggnatt tcccggaaaa tttccgggnc caccggaagc 120
cctgggggaa aaaatgggaa aaaatttnat ttnatttttt ncaaccccc atttaggntt 180
angcccaa at ttaaaaaaa aggaaaatta ccttccaagt taaantancc gttantnggg 240
gaaatanctt acctttaagt tccaataaaa aaaaggggga aatggaaaaa taaatggggc 300
atttttggca ngcaanccct ggggantggg aaaactgggg angaaccatt anttcttaaa 360
agtggaaagt aaccttcaag ggaaaatggg aaaaaccaa cgggtcgggt gtgggtcttc 420
actctttaa gtggggaagc taaagcttgt ggagggaccc aaagggccta agaaatgata 480
caatgggact ttggagactc aggggaaagg gtggggaggg cgggtgaggga taaaacagtg 540
ccactgggtc agtgtcactg cttggtgatg gctgtccaaa atctcagaaa tcacctaaa 600
gacttattca tgtgccaacc tctgtccca aacctttaaa aaaaatgcgc catccccca 660
tggaataaa gtcaacagcc tgcagagcaa aaagactggt tagtaactta aaatattcca 720
aaagagactc ctcatgcta ctagtctact ctgaatctat caaacacgta aaggaatttg 780
gttcacacca ccaccacccc caatcttnac aatctntgag aaacagagaa ganggaattc 840
caactccttg tgaggcagct tcctgtcca tg 872

<210> 3496
<211> 710
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(710)
<223> n = A,T,C or G

<400> 3496

tntctnaatn	tgntnnecgna	tcttgaggac	ccatcgttca	attccgnncc	naggggggnan	60
ctncccntac	tccttggtatg	tgtgtaccta	gcacacttcc	ttctcccacc	cctttttcca	120
gttggtattg	tttttctgtt	ctcttctgtc	ctgtcttata	ctgcaactgt	gtctcctagg	180
ggacagatgg	ccttctttgt	catcttcaat	ctccaccccc	agagaggagt	cagagccata	240
actcaatcac	tcagcccttc	caaagatagt	tgatgtgtga	taatctcata	atggtgagaa	300
ccctgatgag	atacattgtc	ttcctctccc	tacaatgcct	ctggggccaa	ggcaccatt	360
cttcttgcta	tcctccatcc	cccttgaggc	ttccactttt	ttttttttta	gacataaagc	420
tgggcatcag	caactggcct	gtggtgatgc	aaagctgctt	tgctctgnat	ctggctggac	480
tgatctgtct	cacaagaagc	catgaggcca	tagggagaag	ctccctctcc	ccttcatctt	540
ctgtctccaa	ggtggtanca	agaggagtac	ccagttaggg	gttggagccc	ccatatnaca	600
tcttctgtc	agaagactga	tggatctttt	tcattccaac	catctccctt	ttccccgat	660
gaatgcaaat	naaacttttg	tgacaccagc	aaccattgce	tctttanaat		710

<210> 3497

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 3497

nntnnnnntn	tgaaancctt	nggctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	attctctcaa	taatggccag	cggaaaagta	cgcgctgcca	ggcatctgcc	120
tcgcgggagt	cattaaactc	ccacagtggg	caccccaactg	ctgatgtaca	gactttccag	180
gcaaagcgcc	atattcatca	acaccgtcag	tcttactgta	attataaacac	tggagggtcag	240
ttagagggca	atgcagccac	ttcctatcag	aagcagactg	acaaaccag	ccactgtagc	300
cagtttgtga	cacctccgcg	gatgaggaga	cagttctcag	cacccaatct	caaagctggg	360
cgagaaaccc	agtataaatc	agttctggac	aaacttgaaa	tcatggtgga	agaaacagac	420
agtgttagct	catgatttga	tttggttcta	cctttggcct	tgagttctta	ttattttacat	480
tataaatatt	aactggtttt	atattgntaa	gacaaaacac	tggtaaaagt	ttcaacacct	540
cccttttgc	tgtataccat	aaatgggcag	nttctgaaat	tttggtataaa	gcatcaagaa	600
ctccttttcc	tgaaacgttc	ctnctttttt	agtgccta	taataatact	acttacceng	660
gannnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	aaaaactcgg	cctttaaaat	720
ataggggggn	gnnttacnna	aatccaann				749

<210> 3498

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (782)

<223> n = A,T,C or G

<400> 3498

gnnnnnnnnn	nnnnnnnttn	nannnnnnnn	tnnttnnnnn	nnnnnttttn	aaaaacagct	60
cttggtcttt	ttgcaggatc	ccatcgattc	gagactactg	actctacgct	taaaaattat	120
taagatggca	aatttcatct	tggttttttt	taacttaaaa	aaactacata	taagatagtt	180
ttgctgtgtt	tcagggtttt	tttcagtgtt	ttaggtattc	agtattttaa	tcacaaaatt	240
tgtgatgtga	acattttttt	cttccctcat	gagattttta	gtggattgat	acttgctttc	300
cattctgtcc	cgatgtctga	cctttgtaat	gtaaagaaga	acattttgtt	taattgagag	360

aagtctgctg	tgttcttgtt	gatagaggac	catcctagag	ttgggagtg	tgtctgcaca	420
gcaacaaacc	cagagtctac	tttggatcac	cttatatagt	tcattgagtaa	tcagcagatg	480
cctttccctt	ctatgtctct	ctctcagtga	aaggcactgt	ttcttccact	tggtgaggaa	540
tggcctaatt	ctcattgtct	gtaacaggaa	tgctacaact	gctcaaattg	taccatttat	600
catatttggg	aaggctcttg	cttagtcttg	cctgttcaat	tataaaaagga	aagaagacgt	660
aaaagatgta	gagttgtctg	ngtgattttc	ccccatttat	gtcagaagag	gccttaagaa	720
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ga						782

<210> 3499
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(736)
 <223> n = A,T,C or G

<400> 3499						
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caaaaagacac	atatcaccat	agtacatgta	ataacacaca	taggctcaaa	gtaaaaggggt	120
ggcgaangat	ctgttntgca	gatggaaaaa	aagatcaggg	gtcactattc	ttgtttcaga	180
taaaacagac	tttttaaate	aacaacagta	gaaaaaggac	tagggcatta	cataatgaag	240
aagggttcaa	ttcaacaaga	tttatcctat	cacacccaag	attggagcac	tcagattttct	300
aaactattat	ttctagacct	aggaaaagaa	ttaaaccggc	acataataat	agtggggggac	360
ttcaaacacct	cactgacagt	gttagataga	tcattcaaggc	agaaaaactaa	caaattctga	420
acttaaatte	aacagttgac	taattgaacc	taatagacat	ctacagaata	ctccacccac	480
caacaacaga	acatactttt	ttctcatgtg	cacatagaaa	atactctaag	attgaccaca	540
tgctttgtca	caaagcaaate	ctcagtaaat	tcaaaaaaga	ttgaaatcat	accaagcatt	600
tcagactaca	gcatagtaaa	aatgaaaate	aacacccagg	agaaactctc	aaaacatggn	660
aactnaacaa	cttgctnctg	natgactttt	tgggtaaaata	taaaaatang	gttcctctaa	720
ccctttttgn	aacaat					736

<210> 3500
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 3500						
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cgaattcggc	acgaggtcaa	ctctccttgg	tgagtgcctc	agaacttagg	aaaagagaac	120
agcgcatgtc	tctctcatga	agatgacaga	ggacaaaagc	aagcagaaat	atacaaggat	180
ttgcgtntct	tattatgaat	ttctctttga	gaaataatac	ctgtgagaat	gctgctcctt	240
caattagggt	caggattgga	ggaaaaatca	tataaaatag	gttcctgcaa	taattattgcc	300
ccttgagtat	gggtgggctt	gtgacctgct	cagtgtctaag	gaaatgcagt	ggaaatgatg	360
ctgtgtaact	tctgaggcca	agttataaaa	gatcatgcat	cttttgcctt	gttagtttgc	420
tgacgcctga	tatggagcac	tagaaagaaa	ttatttttcc	aagcatcaac	ccggaagtcc	480
cagcataccg	aggggtggcag	acatcatttc	ttcaatgaac	ttagtattta	gaaagatatc	540
ttcactccaa	gcatcaagtc	ttttctgtcc	tgcaaaagtc	ttaagtcaaa	ccagaatccc	600
tagtagaggg	cacctttgga	ttcaacagta	aaaggagaat	ctacaaaacc	agctcatcaa	660

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aaggggcagt gatgggtata gaacctgnct tacttaagtt caagcaatga ttaatctagc 720
ttccctctgg tggatgactg angnctttgc ct 752

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<210> 3501
<211> 752
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

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<400> 3501
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cgaattcggc acgaggtcaa ctctccttgg tgagtgcctc agaacttagg aaaagagAAC 120
agcgcagtgc tctctcatga agatgacaga ggacaaaagc aagcagaaat atacaaggat 180
ttgcgtncctc tattatgaat ttctctttga gaaataatac ctgtgagaat gctgctcctt 240
caattagggtt caggattgga ggaaaaatca tataaaatag gttcctgcaa taatattgcc 300
ccttgagtat ggggtgggctt gtgacctgct cagtgcctaag gaaatgcagt ggaaatgatg 360
ctgtgtaact tctgaggcca agttataaaa gatcatgcat cttttgcctt gttagtttgc 420
tgacgcctga tatggagcac tagaaagaaa ttatttttcc aagcatcaac ccggaagtcc 480
cagcataccg aggggtggcag acatcatttc ttcaatgaac ttagtattta gaaagatata 540
ttcactccaa gcatcaagtc ttttctgtcc tgcaaaagtc ttaagtcaaa ccagaatccc 600
tagtagagggg caccttttga ttcaacagta aaaggagaat ctacaaaacc agtcatcaa 660
aaggggcagt gatgggtata gaacctgnct tacttaagtt caagcaatga ttaatctagc 720
ttccctctgg tggatgactg angnctttgc ct 752

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<210> 3502
<211> 737
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(737)
<223> n = A,T,C or G

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<400> 3502
tacagctctt gttctttttg caggatccca togattcgaa ttccggcacga ggaaaacatc 60
taactaagat ggttttactg gtgaattcaa tcaaatatct aaggaacaca taataccaaa 120
accataacac atncaaatnt atggcccttc agattttgtt cttcttttng ggtcagtgtt 180
aataatacgt atctttcaaa gaatatcccc cttttttttt ggtagagata ggggttttgc 240
catgttggtg gtagcaagcc ctaacctgt cataaacagg ccttaaataa actggccata 300
aacaggattt ctgcagcaat gggacatgct catgatggct gtcatgcaca ctgcgaaaag 360
ttgttggttt actggagcag ggcaaggAAC acctggcccc gcccgagca aaaaactgtc 420
aaaccacaaa cgatagcagg aaaggcctgt gccttggcag catgtttttg ctgcagataa 480
tcagccagag cctgtttctc tgctcctcgc tgagattgct ttgtttccca taaagattgc 540
tttttagctaa tctacaatct atagaacaat gcttatcact gctttctgtc aataaatgtg 600
tgggtcaagc tctgnttgtg gctctcagct ctgaaaaaaa aaaaaaaa aaaaactcga 660
gcctntaaac tntgngagtc gnttacctan atccagacnt gataggatcc atgatgagtt 720
tggncAAC ncactng 737

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<210> 3503
<211> 738
<212> DNA

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<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3503

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gctctgctgg tccagaaaagc agcccaggcc ttttaactccg ggctgctgtg tgtggcatgt	120
ggttcatacc gacggggaaa ggcgacctgt ggtgatgtcg acgtgctcat cactcaccca	180
gatggctggt cccaccgggg tatcttcagc cgctctcttg acagtcttcg gcaggaaggg	240
ttcctcacag atgacttggt gagccaagag gagaatgggtc agcaacagaa gtacttgggg	300
gtgtgccggc tcccagggcc agggcgggcg caccggcgcc tggacatcat cgtgggtgcc	360
tatagcgagt ttgcctgtgc cctgctctac ttcaccggct ctgcacactt caaccgctcc	420
atgcgagccc tggccaaaac caagggcatg agtctgtcag aacatgccct cagcactgct	480
gtggtccgga acacccatgg ctgcaagggtg gggcctggcc gagtgtgtcc actcccactg	540
agaaggatgt cttcaggctc ttaggcctcc cctaccgaga acctgtgtgag cgggactggt	600
gacctatggc ttgggggtgc tgangaaagc ccanttggac tggctacccc ttctggccac	660
ccagtacttc cttcagcctt aactgggtga acttgccgggt tcaaccacca actttctnag	720
cgagcanggg ccaaggct	738

<210> 3504

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3504

tcccttggnn nnnnnnnnnn tttannata nagctcttgt tctttttgca ggacccatcg	60
attcgaattc ggcacgagga aaacatctaa ctaagatggt ttactggtg aattcaatca	120
aatatttaag gaacacataa taccaaaacc ataacacata caaatatatg gcccttcaga	180
ttttgtactt ctttttgtgt cagtgttaat aatacgtatc tttcaaagaa tatccccctt	240
tttttttggg agagataggg ttttgccatg ttgttggtg caagccctaa ccctgtcata	300
aacaggcctt aaataaactg gccataaaca ggatttctgc agcaatggga catgctcatg	360
atggctgtca tgcacactgc gaaaagtgtg tggtttactg gagcagggca aggaacacct	420
ggccccgcc ggagcaaaaa actgctcaaa ccacaaacga tagcaggaaa ggctgtgcc	480
ttggcagcat gtttttgcgt cagataatca gccagagcct gtttctctgc tctcgctga	540
gattgctttg tttcccataa agattgcttt tagctaactc acaatctata gaagcaatgc	600
ttatcactgg ctttctgtca ataaatgtgt gggccaagct ctgtttgtng gctctcagct	660
ctgaaaaaaa aaaaaaaann nnnnnnnncc tcgagcctnt aaaactatag ngagtcgtnt	720
tacgtanac cagacatgat aaganccatt ggtgagtttg	760

<210> 3505

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3505

gnnnntnnnnn nnnnnnnnttt	tntaganaca	ggctacttgt	tctttttgca	ggatcccatc	60
gattcggaatt	cggcagcagc	agagacctga	cagtggcaat	gtatggccac	120
ctacatgttg	caagagaaaa	actagcagat	gttctttggc	agccctgtca	180
attgctaaag	cactagggtg	gaatcattat	gaaaatttcc	atcctcaaat	240
tttgacatat	cctcttctct	tgttggttta	attgatggga	agctttgaaa	300
gcttgtgatt	gtatttgtaa	gttactttgg	atctaaacta	cacagaccga	360
aattgggttg	tctccttatg	ggaactggaa	gtattttgac	agctttacca	420
tgggatatta	taggtattct	aaagaaaccc	atattaatcc	atcagaaaat	480
gtttatcaac	ctgtttaatt	aatcaaacct	tatcattcaa	tggaaacatca	540
tagaaaaaga	ttgtgtaaag	gaatctgggt	cacacatgtg	gatctatgtc	600
atatgcttcg	tggcataggg	gaaaccccca	tagtaccocat	tgggggattt	660
tgattttgca	aaagaaggac	attcttnttt	gtatttaggt	agtttgaatg	720
tgatttggtcc	agtcattggc	tttgcactgg	gatctctggt	tgtctan	766

<210> 3506

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (735)

<223> n = A,T,C or G

<400> 3506

tnaannanag	ctacttggtc	tttttgcagg	atcccatoga	ttcgaattcg	gcacgaggtc	60
catacatgga	gtcccttgga	cccggtgtgt	ctcgtgtgac	tgaacgtttt	gtgatgaaag	120
gaggagaggc	tgtctgcctt	tatgaggagc	cagtgtctga	attgctgagg	agatgtggga	180
attgcacacg	ggaaagctgt	gtggtttcc	tttaccttcc	agctgaccat	gaactcctga	240
gcccgaacca	ctaccacttc	ctgtccctcac	cgaaggaggc	cgtgggggtc	tgcaaggcgc	300
agatcactgc	catcatctct	cagcaagggtg	acatatttgt	ttttgacctg	gagacctcag	360
ctgtcgctcc	ctttgttttg	ttggatgtag	gaagcatccc	aggagattt	agtgacaatg	420
gtttcctcat	gactgagaag	acacgaacta	tattatttta	cccttgggag	cccaccagca	480
agaatgagtt	ggagcaatct	tttcatgtga	cctccttaac	agatattttac	tgaagggaatc	540
taggttgtat	tttcagtgga	caatgggaat	aaagcatttc	taaagcaccg	actggagagg	600
aaggcaacag	aaacaaggag	agaagcccgga	gagacatgtc	tgcgtgctgc	cacgcactcg	660
ancgattgct	cttgtgaaga	gtttgtcact	gaacattttc	aggggagggt	gtttacccag	720
cnatgtnctn	aacan					735

<210> 3507

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (735)

<223> n = A,T,C or G

<400> 3507

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attcatacat	ctatgggtgac	cacttttgac	aaaggaatga	agaacataca	ctgggggaaa	120
agataatgtc	tttaataaat	ggtgctggga	aaactggntn	tccantntgc	agaagaatga	180
aactagaccc	ccatctotta	gcataataca	aaatcaaaat	taattaaaaa	gttaaatcta	240
agacctcaaa	ctatgaaaca	gctaaaagaa	aacatcgggg	aatctctcca	ggacattgga	300

gtgggcaaag	atattcttg	taatacctga	caaacaggca	accaaagcaa	aagtggacaa	360
atgggatcac	atcaagttaa	aaatcttctg	cattgcaaag	gaaataacaa	agtgaagaga	420
cacccataga	atgtgagata	atatttgcaa	actatccatc	tgtattagga	catttttgaa	480
gtctacaaaag	aaatacttga	gactgagtaa	tttataaaga	agagggttaa	ttggctcacg	540
gttttgagg	ctgtcaggaa	gcattggtgt	aacatctgat	cagcttgtag	ggaggcatca	600
ggaagtctcc	acccatgggtg	gangcaaaaag	gggaataagt	ttctccatgg	cagggtgcagg	660
gcaaaaanan	gggggaagg	aagtgcenca	caaccagatc	ttgtgagtn	tcagatttgn	720
gngggngct	tgngg					735

<210> 3508
 <211> 735
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (735)
 <223> n = A,T,C or G

<400> 3508						
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cactgtccca	ctccatcacc	caggctggag	tccagtgggtg	tgatcatagc	tcgctgcac	120
ctccagttcc	tgggttcaag	ccatccctcc	tgccctcagcc	tcccagtag	ctggaaactac	180
aggtgtgtgc	catcacacct	ggctttacat	ttttctgtgg	ggctttacta	tgttgccag	240
gccggtctca	aactcctgag	ctcaagtgat	cctctgcctc	agcctccaga	gtatctggga	300
ttacatatgt	cggtaccgt	gtctggcgt	tcacatcttt	ggccactatt	tgcttgtgaa	360
aaggtataat	gaggtgggtac	ttatcatttt	tactgngtct	catgttttgt	atatttttgt	420
ttcatcaact	aagatgcact	gtaacatctc	tgaaatctgg	atatattatc	aatggtttat	480
catagttttg	ttagcaatac	actgtctttt	agtgggtgct	aaaataatgg	tatagtttgt	540
aggtgatctt	agatttgatg	aagcacagta	tgagggtagg	cctaattggg	gaagatggta	600
atataaaagc	aagaagtatt	tttttttgt	aatgactgaa	agctgtctgt	ggatgacct	660
cccttntctt	taaacacgat	tntntcactt	ncaactncaa	acttgctcaa	ctaattnttt	720
aaaaataact	tgagc					735

<210> 3509
 <211> 756
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (756)
 <223> n = A,T,C or G

<400> 3509						
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cccacgatt	cgaattcggc	acgagggata	ttcattaccc	tgagaatgaa	atgacctgca	120
attcgaaaat	cagctgtatc	agttggagta	gttaccataa	gaacctgtta	gctagcagtg	180
attatgaagg	cactgttatt	ttatgggatg	gattcacagg	acagagggtca	aaggtctatc	240
aggagcatga	gaagagggtg	tggagtgttg	actttaattt	gatggatcct	aaactcttgg	300
cttcagggtc	tgatgatgca	aaagtgaact	gtgggtctac	caatctagac	aactcantgg	360
caagcattga	ggcaaaggct	aatgtgtgct	gtgttaaata	agccctctt	ccagatccat	420
ttggctttcg	gctgtgcaga	tcactgtgtc	cctactatga	tcttcgtaac	actaaacagc	480
caatcatggg	attcaaagga	caccgtaaag	cagtctctta	tgcaaagttt	gtgagtgggtg	540
aggaaattgt	ctctgcctca	acagacagtc	agctaaaact	gtggaatgta	gggaaacct	600
actgcctacg	ttccttcaag	ggtcatatca	atgaaaaaaa	ctttgtaggc	ctgcttncaa	660

tggagattat atagcttgtg gaagtga aaa taactctntt tctgtccta taaangactt 720
 tntaagactt tgctactttt aagttgatac agncaa 756

<210> 3510
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (751)
 <223> n = A,T,C or G

<400> 3510
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 gtagaggagg aaagttcaga caatttcata agtgtctaaa aagagacagt tntgcgacca 120
 ttggncgagg agtaaaangtc gcttnttngn ncntttantt cactncaaat nganaaanga 180
 antnccagtt tcttgacang cccaacccan tgctnggcca gttcctgagt ccacttaata 240
 tatttaagag gaaaagatct nggaccacag gagaatggcg tggattgacc taccagatta 300
 tgaccatgta gaagatgaac tttttcctcc tttccacctn cagcctntcc agagagacaa 360
 gatggtgaag gaactgagcc tgatgaagag tcagggaaat ggacacctgt tctgtcctn 420
 caaagagaac agttaaaaga aatntcccaa gctggatgct cagagattaa tttcagagag 480
 aggacttcca gccttaaggc atgtatttga taaggcaaaa ttcaaaggta aaggatcatga 540
 ngctgaagac ttgaagatgc taatcagaca catggagcac tgggcacata ggctattccc 600
 taaactgcag tttgaggatt ttattgacag agttgaatcc tgggaagtaa aaaggaagtt 660
 canatgaagt tgcngagaat atgacatgag gccttctact gaatagatcc tttctgacaa 720
 cttattgaaa gtganatggt gcttctgagt a 751

<210> 3511
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (736)
 <223> n = A,T,C or G

<400> 3511
 tacaggctac ttgttctttt tgcaggatcc catcgattcg atcacagggg aatgttagaa 60
 gtgttttatt aatttctttg tcagacaagt gtttaggaaa ctctcactcc aggcctaattg 120
 ctgtgctagg ctctgcaaat gctaagaggg ggaagttact gtccctgctt ccaaggagat 180
 catgggtcta gtgggaaacc cgacacgttc aggtaccttc agatgggcac tcagaagagt 240
 aagcccttag ttaatgttta aagatgttta aagatgtctg agactcatag gtcaaagtca 300
 gatttcagtt ccaccttatt agacctgcac tgctaaggag ctgctttagg taaggctgtg 360
 ttcctagtca ccagggtggt caaacacagt gctgggggca atgtgggaat agccttcttt 420
 tatttaggaa gtaatgtgaa gtcagtttca tgaatagatc ttactttaag cattcattga 480
 gggttttggc aagaatagag taccgtatat gaaggtgttt cctaactctnc ctgcaccagg 540
 aataatctag ggctcattan agatgtcaaa gatctggtct agtttcttaa cctaaaacaa 600
 gagtgtttta attccatttt ataggcgggg agtctgagcc aaacatgtta tgtcactttt 660
 ccaagcttca tancacaaaa gtcttctgtc ttcccatcct gactttacca cttcataggg 720
 actgtcaaaag gcagcn 736

<210> 3512
 <211> 772
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 3512

gnnnttttnt	tttnnnnnntn	anagnaaaaan	cttttttgeta	cttgctctttt	ttgcaggatc	60
ccatcgattc	gaattcggca	cgaggagaag	ctgacgggca	tgtggtggaa	acngctggtg	120
gccccggcga	gtggcagggtg	cccgtgtcac	ggacaggcac	ggccccctctg	gaccgcttaa	180
aggtcttcat	gcagggtccat	gcctcaaaga	ccaaccggct	gaacatcctt	ggggggcttc	240
gaagcatggt	ccttgaggga	ggcatccgct	ccctgtggcg	cggcaatggt	attaatgtac	300
tcaagattgc	cccaggtcaa	ctatcaagtt	catggcctat	gaacagatca	agagggccat	360
ctggggcagc	aggagacact	gcatgtgcag	gancgcttcg	tggctggctt	cctggctggt	420
gccacaaccc	aaaccatcat	ttaccctatg	gaggtgctga	agaccgctg	accttncgcc	480
ggacgggcca	atataagggg	ctgctggact	gcgccaggcg	tattctggan	aggggaagggc	540
ccgtgccttc	taccgcggta	cctcccaacg	tgctgggcat	catccctatg	cggcatngac	600
ctggccgcta	cnagactctg	aanaactggg	ggcttaacan	tacaagccac	gactcggaaa	660
accaagcatt	ctctgcttct	ggctgcggac	catatcaaca	ctgcggcaaa	tagccantta	720
cccgttggcc	ttgtccggac	ccnatcagcc	aaccgtggta	ttccataaca	an	772

<210> 3513

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3513

agnnnnnnnnt	tttnngcnan	ngnaaaacttt	ttaangaagc	tttaatannc	ctttctctgg	60
atccctcgag	gcgaattcgg	cacgagctac	acagttccca	ttcnttacct	taacnttgta	120
ctgagagaga	cccaggctctg	acctgtatag	cagtttgagt	cgaggggctg	tcaaaggggt	180
tgccaaagtc	atctaaagga	cttggcacca	gaagtagcat	tatgacttng	gatccacttc	240
tttatagacc	aatattggca	gccatgaagc	tgcttgctct	gggtgcggaa	ttcagtttta	300
gtggctgaat	gcacagacag	caggaagaga	gaatagggga	caatgaacaa	cagagagaga	360
agaaatgcag	tgtgtagggg	acctgcaggt	ggtaacagtt	gaaactcata	tcaatgatct	420
tgcttattta	ccactccatg	tgctactct	ggctgtctaa	tccagcagta	accagtattg	480
nattctaggg	ccttccccaa	attggagcta	ccccagaat	ttctcangct	tttaattcct	540
gaaaatcttt	taaactaaaa	cttctangtc	agttgtcccc	aggggaactg	aggctgtttc	600
tacctgctgc	attgtcagca	aaacttgcta	catgctaatt	attccacttt	cagtgaagca	660
atcaatgagt	gacagtagga	aataactttg	anagttgggt	ggttcctaac	atggcctctt	720
aataatggaa	atgagaccaa	attgggggacc	taatnttgcc	aaggaanaat	ggnnaggt	778

<210> 3514

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G


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<400> 3514
agnnnnnnnt tttnnngcnan ngnaaaacttt ttaangaagc ttttaatannc ctttctctgg      60
atccctcgag gcgaattcgg cacgagctac acagttccca ttenttacct taacnttgta      120
ctgagagaga cccaggctcg acctgtatag cagtttgagt cgaggggctg tcaaaggggt      180
tgccaaagtc atctaaagga cttggcacca gaagtagcat tatgacttng gatccacttc      240
tttatagacc aatattggca gccatgaagc tgcttgctct ggggtgcgaa ttcagtttta      300
gtggctgaat gcacagacag caggaagaga gaatagggga caatgaacaa cagagagaga      360
agaaatgcag tgtgtaggga acctgcaggt ggtaacagtt gaaactcata tcaatgatct      420
tgctatttta ccactccatg tgctactct ggctgtctaa tccagcagta accagtattg      480
nattctaggg ccttcccca attggagcta cccccagaat ttctcangct tttaatctct      540
gaaaatcttt taaactaaaa cttctangtc agttgtcccc aggggaactg aggctgtttc      600
tacctgctgc attgtcagca aaacttgcta catgctaatt attccacttt cagtgaagca      660
atcaatgagt gacagtagga aataactttg anagttgggt gggtcctaac atggcctctt      720
aataatggaa atgagacca attggggacc taatnttgcc aaggaanaat ggnnaggt      778

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<210> 3515
<211> 784
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(784)
<223> n = A,T,C or G

```

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<400> 3515
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gattcgaatt cggcacgagc cggagagaag cagcaggagg gcggcggcgc cgtgcgctgc      120
gacacacctg ccaactgcac ctatcttgac ctgctgggca cctgggtctt ccagggtggg      180
ctccagcggg tcccagcggc atgtcaactg ctcggttatg ggaccacaag aaaaaaaaaag      240
tagtgggtgt accttcagaa gctggataca gcatatgatg accttggcaa ttctggccat      300
ttcaccatca tttacaacca aggctttgag attgtgttga atgactacaa gtggtttgcc      360
ttttttaagg atgtcactga ttttatcagt catttgttca tgcagctggg aactgtgggg      420
atatatgatt tgccacatct gaggaacaaa ctggttatta aatagagcat ctggtgaggg      480
actcttttaa aaccacagcc atgaacagac gttggggcta agagacagac agcctgcgac      540
agtgtggacc tacctgtagc agctagcaaa ggctctagc agctacagtc ccttctggag      600
tctttatttg catgcaaaat gcaaaggagt cctggtgacc tactccaagc actgcccttc      660
tgaacactcc ttggaaaaa gtaaacatca ttttggaatg tgaacaacca gagactnccc      720
aggagaaagg aaaaaaaaaat tntgaagatg caaaatcttg ggtggcttca ccgtcaattt      780
ttaa

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<210> 3516
<211> 746
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(746)
<223> n = A,T,C or G

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<400> 3516
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cgaattcggc acgagcacag tccttctgga gccagaccgc aagccacagt agcagtgcc      120
gctcagcaga aagtcaggac agcangagga ggaagaaaaa gaaggaaaac aaaacncag      180
gaancntaaa aggccttagga ncttangaaa cntgcaggcn ctgaagtggg attggaaaaa      240

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nccaaaaccc	caanccccang	aaaangagtc	aanganganc	aangntaaga	gaaggagaag	300
gagaaggatg	acccaaaangt	gaatctgcct	gtgtaaaagg	cagatttttt	aattgcttaa	360
tactaagtca	tctgttttnaa	atttggtata	tgtaagagat	tcaagccttg	naatatgaca	420
tggaagaccc	tgtgctgcac	ttaaatatgc	ttgcttgatt	atttgatttt	acatcagagc	480
tttataacac	gaacttttgt	ccagaattgt	gagttgtgcc	atgttacatg	aganggtttt	540
gctagggcct	attattttta	ccaccattaa	ttagttgggg	tggagtttac	tgtaatgtga	600
aatttcccat	ttgaattttt	aatggctggc	aaagctgntt	tagtcttaaa	ttcanccgat	660
gattgctgaa	tcattncacc	ctgtatgtcc	ttttggntnc	atnaaagttt	cagtaacttt	720
caaaaaaaaa	nnnnnnnnnn	nnnnaa				746

<210> 3517

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (777)

<223> n = A,T,C or G

<400> 3517

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gattcgaatt	cggcacgagg	aaaggacagt	gctacttgta	tatgaagggt	atagaacgag	120
cggcttttcc	tcggcgtctc	tggaacggg	tccggcttag	taaaaactat	gagaaagcac	180
tggagcaa	atgagaaa	ctgatttact	ggccccgttt	cattcgacac	aaatgtaagc	240
agagattcac	caagatcacc	caatccta	tcgaattaga	aaacttcact	aaagcgacag	300
aggaaacttg	ttcctttgag	taagaagggt	gagcgtaggg	agaaaagaag	agaggaaaag	360
gcattaatag	ctgctcagct	ggacaatgcc	attgagaagg	aattactgga	gagactgaac	420
aagatacgta	tggcgacatc	tacaacttcc	cattcatgcc	ttcgacaaaag	ccctggaaca	480
acaggaggca	gagagtgact	cttcagatac	tgaggaaaaa	gatgatgatg	atgatgatga	540
ggaagatgtg	gggaaaagag	aatttgctga	agatgggtgag	gtagatgaga	gtgacataag	600
tgattttgag	gatatggata	actggatcca	gcagtgatga	agatcaggat	ggtaaactct	660
ccatgaggag	gaggaagaaa	aggccttatg	cgaaacacaa	angcnaaatg	cccttganag	720
gncctgcgga	naaaccaacc	tnttggaat	ngaatncaac	nggagacaaa	cccgctgg	777

<210> 3518

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 3518

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ctttttgcag	gatcccatcg	attcgggcct	ccccaccctt	gctgcacacc	tacactgaag	120
gaaggctatt	tgcagatgca	gcaagaangc	agccatctgc	aaggcagaag	aagagaccct	180
caccaggaac	tgaataagtc	agtcagtctg	ggacttccac	ctctagaact	gtgaaacaat	240
aaattttctgt	ggtgtaagca	actcaatcta	tagtagtttg	ttactatttt	gttatagcaa	300
ccaaagatga	ctaaccagac	aggttatgtc	actcgccaag	tgtcttggtc	tgtttggtgt	360
gctataacaa	aataccttag	actgggtaat	ttacaaacaa	cagagatgta	tccagagatc	420
cacagttctg	gaggetgaga	agtctaaaat	caaggcacca	gcagattcca	catctcgtga	480
aggetcactc	tctgcttcac	agatggcact	gcttgctgtg	ttctcacatg	gcagaagggg	540
caaacaagcc	cccctgggcc	tcttttataa	aggcactaac	tctatgccta	aangcagggc	600

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cctcatgact ctatcaccta ccaaaaggct tcacttcttt atactattgg angggtagaa 660
ngaacttccct ttctagacct tgaaagggtta agaaatttga atctattaaa caagctgaca 720
atngacagat taacaggaga aaaagcntat acatttttta atgtgggcca aatggcaaaa 780
gcttaaata 789

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<210> 3519
<211> 763
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (763)
<223> n = A,T,C or G

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<400> 3519
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ataaagcaga aaaggagaga tcgctgaagg aaaagtctcc gaaagaagaa aaactgagac 120
tgtacaaaga ggagagaaaag aagaaatcaa aagaccggcc ctcaaaatta gagaagaaga 180
atgattttaa agaggacaaa atttcaaaag agaaggagaa gattttttaa gaagataaag 240
aaaaactcaa aaaagaaaag gtttataggg aagattctgc ttttgacgaa tattgtaaca 300
aaaatcagtt tctggagaat gaagacacca aatttagcct ttctgacgat cagcgagatc 360
ggtggttttc tgacttgctc gattcatcct ttgatttcaa aggggaggac agctgggact 420
cgccagtgc agactacagg gacatgaaga gcgactctgt ggccaagctc atcttggaaga 480
cggtgaagga ggacagcaag gagaggaggc gggacaccgg gcccgggaga agcgagacta 540
cagagagccc ttcttccgaa agaaggacag ggactatttg gataaaaact ctgagaagag 600
gaaagagcag actgaaaagc ataaaagtgt ccctggctcc tttcgaaaaa ggcaagaaga 660
ngagagagtc cncaaagccc ggccggacag aaggaccctt ggaagctgca agganccnag 720
ggaccgcagg gcccaaccna ggaggtgccc cggaggactn aat 763

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<210> 3520
<211> 821
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (821)
<223> n = A,T,C or G

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```

<400> 3520
tnannnnannc annnnnnnnnn nnnnnnttga agccattgct acttggttctt tttgcaggat 60
cccacgatt cgaattcggc acgagagcaa ttccactcct agctccacc acaggaaatt 120
gaaagcaaag acgcaaacag atgcctgtgc accaaagtgc acgggcaagc atccttcggc 180
cttaatgggc agcattccgt cgtcacaagc gggcattcat cctttcatca atagcgggca 240
gcattccgtc gtcacaagcg ggcagcattc ctttcgccac aagcgggcag catcttgctc 300
gtcacaagcg ggcagcatcc ttgcctaaag cgggcaagca tccttcgtca tagcggcagc 360
atcctttgcc atagcgggca aggtggaac cctgtccatc cactgaggcg tgcatagact 420
aaacatggcc agtccaggca ctggaatcca ggcccgtaga acggcgccca cggtcaaaag 480
gaatgagacc ctgatgcact gggcgacaca gacgggcgac acagacttgg agacatcatg 540
ctaagtgaag agccaggcac acggagcgga cggcgtgac ctgctcacgt gatgtgtccc 600
gaatgggcac gttcagaggg aagaagggag atggcgcttg cgggtgcccg gggacnngggg 660
ttgggagcga cggttgctgg tttgggggtt ctttctgggg tgangaantg gttttgatat 720
ttggnccgtt ggtgatgttt gcatacctct gaatatgctt aaganccaca gaattgacca 780
ctttaaatgg atgaattgna tgggtattgg aattacccaa n 821

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<210> 3521
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (772)
 <223> n = A,T,C or G

<400> 3521
 gnnnttttnt tttnnnnntn anagnaaaaan ctttttgcta cttgctcttt ttgcaggatc 60
 ccacgattc gaattcggca cgaggagaag ctgacgggca tgtggtggaa acngctgggtg 120
 gcccgggcga gtggcagggtg cccgtgtcac ggacaggcac ggcccctctg gaccgcttaa 180
 aggtcttcat gcagggtccat gcctcaaaga ccaaccggct gaacatcctt ggggggcttc 240
 gaagcatggt ccttgaggga ggcacccgct ccctgtggcg cggcaatggt attaatgtac 300
 tcaagattgc cccgagtcaa ctatcaagtt catggcctat gaacagatca agagggccat 360
 ctggggcagc aggagacact gcatgtgcag gancgcttcg tggctggctt cctggctggt 420
 gccacaaccc aaaccatcat ttaccctatg gaggtgtcga agaccgctg acctnccgc 480
 ggacggggca atataagggg ctgctggact gcgccaggcg tattctggan agggaagggc 540
 ccgtgccttc taccgcggtg cctcccaacg tgctgggcat catccctatg cggcatngac 600
 ctggccgcta cnagactctg aanaactggt ggcttaacan tacaagccac gactcggaaa 660
 accaagcatt ctctgcttct ggctgcggac catatcaaca ctgcggcaaa tagccantta 720
 cccgttggcc ttgtccggac ccnatcagcc aaccgtggta ttccataaca an 772

<210> 3522
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (819)
 <223> n = A,T,C or G

<400> 3522
 aaacagctac ttgttctttt tgcagggatc ccacgattc gggagaaatg ctggccacag 60
 atggtgctgc ccaacaggcc cataccactc gttccagtca gaggtgcttg gcctttgtgg 120
 gatgaatgtt cgttggttca aatcaagctt ttccaaatg aacaaganca ctggncctta 180
 ccatattttg gcaaggatcc gaaatcaagg gttcttcttt caaagtgctt gccaggggga 240
 atcttgaaag aagggtaccc cttgcaacaa aacctgggtc cctgtaaacc ctcttcttga 300
 aggggaatccc ctgcttgccc cacttggcat ttccaagtt tgcccttctt caagaatgta 360
 ttaaaccctg aaccagggtg cttgtcttgt gcccaagacg atcttgggaa acccggtccc 420
 atgggatctg tacttgantg cttgctgagc ttccaccact gagagtttac ctctggagtt 480
 cantgatgac ttggatgttg tgggtgatgg tatgcantgt ctnccttaact ttgctttttg 540
 atccttctact aacccttgaa gatcatttan tcaaagaaat tgcttgaaga cacantggat 600
 attttgggcc anatgcaaat ggctggagat nggtgcagat cccanggatc tcgaaattct 660
 gagaaagctt ttgnaccatt ggcttaaaat ggattggcta ctgcaaatgg gaagccagaa 720
 ccacttttat tanttgatag tttggggaac catttacttt ggtggattna aattctctgc 780
 tttaaaagaa gtatttctga acatntttta caaaaaaan 819

<210> 3523
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 3523

taaanaatca gctcttgttc tttttgcagg atccctcgat tccaattcgg caccagcggg	60
actggtacca ccgcacgcac cccaccgtgc tgctgggcgc gctgccgttg cggagcttga	120
cgcgccactg gtacaggacg agaacgtgcg cggggtgatc accatgaacg aggagtaaga	180
gacgaggttc ctgtgcaact cttcacagga gtggaagaga ctaggagtcg agcagctgcg	240
gctcagcaca gtagacatga ctgggatccc cacttggaca acctccagaa gggagtccaa	300
tttgctctca agtaccagtc gctgggcccag tgtgttttac tgcattgtaa ggctgggcgc	360
tccaggagtg cactatggt ggcagcatac ctgattcagg tgcacaaatg gagtccagag	420
gaggctgtaa gagccatcgc caagatccgg tcatacatc acatcagcct ggccagctgg	480
atgtttctaa agagttncac aagcagatta ctgcacgggc aacaaaggat gggacttttg	540
tcatttcaaa gacatgatgt atggggatta gaaagaactc aagacactcc tgcttgatac	600
agaacaaaaa gagcttaaca ggaccaacan ggcttaacct agacttgacg taacagaaat	660
gtgccaatag gtaataggta attttctttc tctgactagg tttggtttct ttgaaataac	720
actgttgtgt nggctngaaa nggaaaaaaa aaaaaaaaaa aaaaan	765

<210> 3524
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 3524

gnntttnaaaa nnnncagntc ttgttctttt tgcaggatcc catcgattcg ccaggctagt	60
cttgaactcc tggcctcaag caatcctccc acctcggcct cccaaagtgc tgggattaaa	120
ggcgtgagcc accgtacctg gcccttggtg gaatcttttag ggttttctat tcatacatat	180
aaaatcatat cattggcaaa cagagataat tttacttccct cctttccaat ttggatgcct	240
tagatttctt ttccttgccct aactgctctg tctagaactc ccagcactat gctgaataga	300
gtggcaagag caggcatttg ccttgttcct aaccttagag aaaaatcctt cagcctttta	360
ccattgagga tgatgtttgc tggtagtttt tcataaatga tctatatcag gctgaataaa	420
tttctatttc taaaaaaaaa aannnannnn nnnnnnnnnn nnnnnnaaaa aaaaaaaact	480
cgagcctnta nactatagn agtcgtatta cgtagatcca gacatgataa gatncattga	540
tgagtttggg caaaccacaa ctagaatgca gtgaaaaaaa gctttatttg ngaaattggg	600
gagctattgc tttatttgna accattntaa gctgcaataa acaagttaac accaccaatt	660
gcttcattta tgggttcagg cagggggagg tttggagggt ttttaattcg cggccgnggg	720
ccaatgcatt gggcccggtc ccaactttgg tccctttagg gng	763

<210> 3525
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 3525

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ggnnntttnn attatacagt ttttgccctt ttgcaggatc cctcgattcg aattcggcac      60
gaggtggcta tccatcaaca taagtaaaaa aaaaaaacac tttntccct cccccattta      120
gattatztat taacatattt taaaaatcag atgagttcta taaataattt agagaagtga      180
gagtatztat ttttggcatg tttggccac caccagact ctgtgtgtgt atgtgtgtgt      240
ttatatgtgt atgtgtgtga cagaaaaatc tgtagagaag aggcacatct atggctactg      300
ttcaaataca taaagataaa tttattttca cacagtcac aaggggtata tcttgtagt      360
ttcagaaaag cctttggaaa tctggatcag aaaatagata ccatggtttg tgcaattatg      420
tagtaaaaaa ggcaaatctt ttcacctctg gctattcctg agaccccagg aagtcaggaa      480
aagcctttca gctcacccat ggctgtgtg actcctacca gggctttctt ggctttggcg      540
aaggtcagtg tacagacatt ccatggteca gagtgtcag aaactcaaga taggatatgc      600
ctacctcag ctactcctgg tttaaagttc agctcttga gtactcttca attcttccag      660
gacacttggg tggaaattcag taagtttct ntgaacaccc tgaanggtgc catccttaca      720
gactaantgg agacgtttcc agatcagccc aagtttacta tagag                          765

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<210> 3526
<211> 774
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (774)
<223> n = A,T,C or G

```

```

<400> 3526
tttttaaana aancaggntt cctaattcctt gttntnnnga nacaggctac ttgttctttt      60
tgcaggatcc catcgattcg aattcggcac gagattctct caataatggc cagccgaaaa      120
gtacgcgctg ccaggcatct gctccgcgg agtcattaaa ctcccacagt ggtcacccca      180
ctgctgatgt acagactttc caggcaaagc gccatattca tcaacaccgt cagtcttact      240
gtaattataa cactggaggt cagtttagagg gcaatgcagc cacttcctat cagaagcaga      300
ctgacaaaac cagccactgt agccagtttg tgacacctcc gcggtatgagg agacagttct      360
cagcacccaa tctcaaagct ggctgagaaa ccacagtnta aatcagttac tggacaaact      420
tgaaatcctg gtggaagaaa cagacagtgt tagctcatga tttgatttgg ttctaccttt      480
ggccttgagt tcttattatt tacattataa atattaactg gttttatatt gtttaagacaa      540
aacactggta aaagtttcaa cacctccctt ttgcttgtat accataaatg ggcagtttct      600
gaaatttttg ataaagcatc aagaactcct ttttctgaaa cgttcctcct tttttagtgc      660
ctaattaata tacttactta cacggaannn annnnnnnnn nnnnnnnnnn nnnnnnnnnn      720
nnnnnaaaac tcgnnccttt aaaactatag gngtgcgttt acctaaatcc aann                          774

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<210> 3527
<211> 779
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (779)
<223> n = A,T,C or G

```

```

<400> 3527
ggnnntnnnt tnnnnnnnt ttttaaana ancagctact tggttctttt gcaggatccc      60
atcgattcgc tcgagtnncn aggagacgtg cagctgtcca aggcctctgt ctagccctg      120
cgccatgggg ccttgaanct ggggcttccc atgggagctg atggcttctg gccctgggc      180
acctcctgc agntgnccca gtccgcggc tntntgtctg aagatgtgca gcgcgtggg      240
gacaccaata ggaagcagcg gttcgnctg canntggggg atcccannac tggnetnta      300
atccgggcca accaggnca ttcctgcan gtacctaa gnagagctgat gccctggag      360

```

```

acaccgtagg ccctgcnccg atgetagtec atggtacatt ctggaagcac tggcatccat 420
cctactcaaa ggccgtgtec gccanggaag gacgcacatt cacctgcccc angactgcct 480
ggagaccccg gtatcatcan tggcatgcgg tcccattgng aaatagctgn gtccatcgat 540
ggacccctgg ctctggcaaa tggaaataccc ttctttctgc tgccaatggg gtgatantga 600
cttcanggaa tactgatggc ttctacttc caagtacttc aangaggccc tgcagntacg 660
ccctaccgaa accccttcc ttgnntgggtg atgaaaagac acaatgtaat agtncccnaa 720
cccantttca ganaaaggag gaggatccaa cattaaatat tanttataaa aagaattta 779

```

```

<210> 3528
<211> 762
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(762)
<223> n = A,T,C or G

```

```

<400> 3528
gnntttgaaa nccctttttg atnccctcttc tacttggtct ttttgcagga tcccatcgat 60
tcgaattcgg cagcaggttc ttcaaagcca accnagacag gcttagcagt tttagagctt 120
cagaacaaat tgccaaaagc cagagttggt tatgctagtgc caactgggtgc ttctgaacca 180
cgcanctatg cctatatgaa ccgcttggca tatgggggtga ggggtactcc atttagagaa 240
tcagtgattt tattcaagca gtagaacgga gaggagttgg tgccatggaa atagttgcta 300
tggtatgtaa gcttagagga atgtacattg ctgcacaact gagctttact ggagtgcctt 360
tcaaaattga ggaagttctt ctttctcaga gctacgttaa aatgtataac aaagctgtca 420
agctgtgggt cattgccaga gagcgggttc agcaagctgc agatctgatt gatgctgagc 480
aacgaatgaa gaagtccatg tgggggtcagt tctgggtctgc tcaccagagg ttcttcaaat 540
acttatgcac agcatccaaa gttaaaagggt tctgtcacta gctcgagagg aaatcaagaa 600
tggaataatg gttgtaattg gtctgcagtc tacaggagaa ctngacatta gaagctttgg 660
aagaggccgg ggagaattga tgatttggtt actgccaaag nggtgttcag cactcattga 720
aaacatttcc tgttcanaca ggaaaacttt ntagttacta ga 762

```

```

<210> 3529
<211> 770
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(770)
<223> n = A,T,C or G

```

```

<400> 3529
gnnttnnnnn nnnntttnt nnatacagct acttggtctt tttgcaggat cccatcgatt 60
cgcaggcgta ctgacagggtg gaccagcgga ctggtggaga tggcgacgct ctctctgacc 120
gtgaattcag gagacctcc gttaggantc ttggtgncag nnnancncgt naaaaaacnat 180
gtagnnnttt ccgttgaana agggaaagag antnttcttn atgtttctga aaatgtgatn 240
ttcacagntg tgaattctat acttcgttac ttggctagag ttgcaactnc agctgggtta 300
tatggctcta atctgatgga acatactgag attgatcact ggttgaggtc agtgctncaa 360
aattatcttc atgtgattcc ttacttcta caattaatga actcaatcat tgctgtctc 420
tgagaacata cttagttggg aaactccttg agtttagcag atttatgtgt ttggggccacc 480
ctaaaaggaa atgctgcctg gcaagaacag ttgaaacaga agaaagctcc agttcatgta 540
aaacgttggg ttgctttctt tgaaccagc aggccttnca gtcagtaggt ccaagtggga 600
tgtttcaaca ccaaagctcg agtggcacct gagaaaaaca agatgttggg aaatttgttg 660
agcttncagg tgccgganat gggaaanggt accggcagat ttctccaaa ggccatgggt 720

```

acttacacat tgggcattcn aaaactgntc ttntgaccac actaccaggt

770

<210> 3530
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 3530
 gntttnnnnn nnntnttnaa gntcttgcta cttgttcttt ttgcaggatc ccategattc 60
 gcccgaggag cggagcagag gcacccaggc agcctgcgcg gagaaattgg atcggcgggg 120
 acggcctgca gctcccgcg gcggggaaag ggaagaagtc ctcccntaca aagcaaattc 180
 ncaaacttgg aagaagcant ttacacagga tgtgcagatc tcaatggaag gacacgggaa 240
 acgtgaaaaa gcaaggaagt ggggacgcct ccaaaggaac ccagtaattc tccagcaaca 300
 gatcccatc caaaagaaat tcaagaaatg tcatatagag aattgtggaa actgatttta 360
 accaagatta gagggattca agagacttct gaaaaagaaa gtaaggaaat gtcaacagca 420
 attctggata tggttgaggt atttaccaac cagatacaga gttttccaga gcacatggca 480
 aatgtggaac tgaagaaatc actggatgaa atccaaagta tactcgaaag cttcaatgat 540
 agactagatc aagcagaaaa aaaactctta aaacttaaaa tcttgaagct tttactcaat 600
 tcaaataattt aatgggttgt ctctggccat tcangtgaac aaaatctgct ggggttaattn 660
 tttttttttt tgaaatggga tnttcgcttc tgtcgcccaa gcttggaatt ccattggcgcg 720
 ggaccttngg nttactgnaa gcttccgctt ccaggttnac gccatttttc cttgcttaan 780
 cttctn 786

<210> 3531
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 3531
 gntttnnnnn nnntnttnaa gntcttgcta cttgttcttt ttgcaggatc ccategattc 60
 gcccgaggag cggagcagag gcacccaggc agcctgcgcg gagaaattgg atcggcgggg 120
 acggcctgca gctcccgcg gcggggaaag ggaagaagtc ctcccntaca aagcaaattc 180
 ncaaacttgg aagaagcant ttacacagga tgtgcagatc tcaatggaag gacacgggaa 240
 acgtgaaaaa gcaaggaagt ggggacgcct ccaaaggaac ccagtaattc tccagcaaca 300
 gatcccatc caaaagaaat tcaagaaatg tcatatagag aattgtggaa actgatttta 360
 accaagatta gagggattca agagacttct gaaaaagaaa gtaaggaaat gtcaacagca 420
 attctggata tggttgaggt atttaccaac cagatacaga gttttccaga gcacatggca 480
 aatgtggaac tgaagaaatc actggatgaa atccaaagta tactcgaaag cttcaatgat 540
 agactagatc aagcagaaaa aaaactctta aaacttaaaa tcttgaagct tttactcaat 600
 tcaaataattt aatgggttgt ctctggccat tcangtgaac aaaatctgct ggggttaattn 660
 tttttttttt tgaaatggga tnttcgcttc tgtcgcccaa gcttggaatt ccattggcgcg 720
 ggaccttngg nttactgnaa gcttccgctt ccaggttnac gccatttttc cttgcttaan 780
 cttctn 786

<210> 3532
 <211> 783

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3532

gnntttnnnnn	nnnnnnntttt	aaantacttg	ctacttggtc	tttttgcagg	atcccatcga	60
ttcgccccgag	gagcggagca	gaggcaccca	ggcagcctgc	gcgagagaaat	tggatcggcg	120
gggacggcct	gcagctcccg	cgcgccgggg	aaaggggaaga	agtcctcccn	tacaaagcaa	180
attcacaaac	ttggaagaaa	canttttacac	aggatgtgca	gatctcaatg	gaaggacacg	240
ggaaacgtga	aaaagcaagg	aagtgggacg	cctccaaagg	aaccagtaa	ttctccagca	300
acagatcccc	atccaaaaga	aattcaagaa	atgtcatata	gagaattgtg	gaaactgatt	360
ttaaccaaga	ttagagggat	tcaagagact	tctgaaaaag	aaagtaagga	aatgtcaaca	420
gcaattctgg	atatggttga	ggtatttacc	aaccagatcc	agagttttcc	agagcacatg	480
gcaaattgtg	aactgaagaa	atcactggat	gaaatacaaa	gtatactcga	aagcttcaat	540
gatagactag	atcaagcaga	aaaaaaactc	tcaaaactta	aaatctgaag	gcttttactc	600
aattcaaata	tttaattgggt	tggactctgg	ccattcangt	gaaccaaaat	ctgctggggt	660
aatttttttt	ttttttgana	tggaatctng	ctnttgcgc	ccagcttggga	atcaattgcn	720
ggacctcggn	tnattgcaag	cttccgcttc	caggttcacc	cattnttctg	ccttancctn	780
ctg						783

<210> 3533
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3533

gnntttnnnnn	nnnnnnntttt	aaantacttg	ctacttggtc	tttttgcagg	atcccatcga	60
ttcgccccgag	gagcggagca	gaggcaccca	ggcagcctgc	gcgagagaaat	tggatcggcg	120
gggacggcct	gcagctcccg	cgcgccgggg	aaaggggaaga	agtcctcccn	tacaaagcaa	180
attcacaaac	ttggaagaaa	canttttacac	aggatgtgca	gatctcaatg	gaaggacacg	240
ggaaacgtga	aaaagcaagg	aagtgggacg	cctccaaagg	aaccagtaa	ttctccagca	300
acagatcccc	atccaaaaga	aattcaagaa	atgtcatata	gagaattgtg	gaaactgatt	360
ttaaccaaga	ttagagggat	tcaagagact	tctgaaaaag	aaagtaagga	aatgtcaaca	420
gcaattctgg	atatggttga	ggtatttacc	aaccagatcc	agagttttcc	agagcacatg	480
gcaaattgtg	aactgaagaa	atcactggat	gaaatacaaa	gtatactcga	aagcttcaat	540
gatagactag	atcaagcaga	aaaaaaactc	tcaaaactta	aaatctgaag	gcttttactc	600
aattcaaata	tttaattgggt	tggactctgg	ccattcangt	gaaccaaaat	ctgctggggt	660
aatttttttt	ttttttgana	tggaatctng	ctnttgcgc	ccagcttggga	atcaattgcn	720
ggacctcggn	tnattgcaag	cttccgcttc	caggttcacc	cattnttctg	ccttancctn	780
ctg						783

<210> 3534
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3534

gnnttttnnnn	nnnntntttt	atnaatacag	ctcttggtct	ttttgcagga	tcccatcgat	60
tcgaattcgg	cacgaggaac	caagaaaata	tttaaaaatc	taagcagtc	tttgctcatt	120
aaaggataaa	tcagtagtta	acactttttc	tacaaagaaa	tgggtgtgcc	tggatgggtc	180
gtgtaggtga	gttttccaag	gattatggta	acaaatgagt	gagacctcta	tggagaaaat	240
attgaaggac	attaaagaag	acctcataaa	tggagagaga	tatatcatta	atggataggg	300
aagcctcaat	ggcataagta	tgtcagtttc	tttcaaaact	cacctatgga	ttcaatgtga	360
ttccaaacca	aatcccacaa	ggtcttttct	ggaattggaa	gccagattct	gaaatgtatt	420
tggaaaagta	aagaggcagg	gttagctatt	tcattaacaa	agaaggaaca	tcaggcaggg	480
agacttggt	tattattaag	gcttattata	aattattatt	gtgatcaaga	tagtgtattt	540
ttggtgtaga	gatagttaaa	ttgccaatgg	attgagccaa	atttncaaaa	cagaccaca	600
aataaatgaa	ctctaattta	caacagagac	agtactgcag	atcatggggg	gaaaggatga	660
actattgagg	gattggcaac	tttttttgga	aggctanaca	gccttacgtg	gggtcacagt	720
gtctgtggaa	ntaggcacct	ctgctgnggt	attgtaagan	cactntganc	at	772

<210> 3535
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 3535

gnnttttttna	annnnctngt	ttcnngnatc	anttccaagc	cttngtgcag	gatcccatcg	60
attcgaattc	ggcacgaggg	gattacaggc	atgaccacc	gcgcccagcc	tgtaatttct	120
tatactttgt	attttgtact	tgtattatgc	ttctgaatac	gctataatta	tttatgtaca	180
tgtttttttt	cttcaataga	ctggtggaac	tcttcgaatg	tagggactcc	tagagctaga	240
tactcaatta	ttttttatta	aattgaatga	cttgaaacta	cagatccttt	atttaaactt	300
cccaaatttc	tgctttatct	aggcaactct	ttaaattctt	ttatctcatg	tagatttcaa	360
aggctgaaat	aattgagatt	ttttagtttg	aagaaaagag	aactgaggat	ttaatgtcat	420
tattattata	tttttaattg	actgtttggg	agtaagttgc	agacattggt	cactttcact	480
cctaaatact	taaatatttc	ctaaaaacag	gacattcttt	ttttttttta	tggagtctgg	540
ctctgtcgtc	caggctggag	tgcggtggca	cgatcttggc	ttactgcaag	ctcccccttc	600
cagattcacg	ctgtctcctg	cctnactgct	cgggangctg	angcagggga	atcgcttgac	660
ccnggangcg	gangttgcan	anagcctaaa	cgggccattg	gactccagct	gggtaccaag	720
aaccggacct	ccgttggaac	aaaaaaaaaa	aaaaactnng	cctttanaac	tttngggggc	780
g						781

<210> 3536
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 3536

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ttcgaattcg gcacgaggtt cttcaaagcc aaccaagaca ggcttagcag ttttagagct      120
tcagaacaaa ttgccaaaag ccagagttgt ttatgctagt gcaactgggt gcttctgaac      180
cacgcaacat ggcttatatg aaccgcttgg catatggggg gaggggtact ccatttagag      240
aattcaagtg attttattca agcagtagaa cggagaggag ttggtgccat ggaaatagtt      300
gctatggata tgaagcttag aggaatgtac attgctcgac aactgagctt tactggagtg      360
accttcaaan ttgaggaagt tcttctttct cagagctacg ttaaaatgta taacaaagct      420
gtcaagctgt nggtcattgn cagagagccg gntcagcaag ctgcagatct gattgatgct      480
gancaacgaa tgaagaagtn catgtggggg cagttctggc tgtcaccaga ggttcttcaa      540
atacttatgc atagcatcca aagttaaaag ggttggtcac tagctcgaga ggaaatcang      600
aatggaaaat gtgtngtaat tggctgcagt ctcaggagaa gctnnaacat tagaactttt      660
gaagaaggcn ggggagaatt gatganttgg ttcaactgcc aaagtgtgtg cantcaactca      720
ttggaaaaca ttttctgctc cagcngggaa aacttatggt tacttggn      768

```

<210> 3537

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3537

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agcnnnnnnn tnnnnnaaat aaactctttg caacttcnct ttttgcagga tcccatcgat      60
tcgcccagga tgaactgggt gcagtggctg ctgctgctgc ggttncgctg agaggacacg      120
agctctatgc ctttcgggtc gctcatcccg ctcgccctcc tgtgtgcgct gctgcctcag      180
caccatggtg cggcagggtc cgacgggtcc gcgccagatc ccnccactac aggggagcga      240
agtcaaggcc atgttctacc acgcctacga cagctacctg gagaatgect ttccttcgat      300
gagctgcgac ctctccctgt gacgggcacg acacctgggg cagttttctc tgactctaata      360
tgatgcaact gacaccttgc tgatttgggg aatgtctcag aattncaaag agtggttgaa      420
gtgctccang acagcgtgga ctttgatatt gatgtgaacc ctctgtgttt gaaacaaaca      480
ttcnagtggg aggaggactc ctgtctgctc atctgctctt caagaangct ggggtggaag      540
tagaagctgg atggccctgt tccggcctnt ctgagaatgg ctgaagaagc ggccgaaaac      600
tcttccaacc nttcaaacc cactggcatgc catatggaca gtgaacttac ttnatggggg      660
gaaccacgga aaaaccctg tcacctgtcc ggaaggattg ggaccttnat ggtgaattgc      720
cacctgacag ctnttggtga accgtgttca anaan      755

```

<210> 3538

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3538

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gnntttgaaa nccctttttg atnccctctc tacttggttct ttttgcagga tcccatcgat      60
tcgaattcgg cacgaggttc ttcaaagcca accnagacag gcttagcagt ttttagagctt      120
cagaacaaat tgccaaaagc cagagttgtt tatgctagtg caactgggtc ttctgaacca      180
cgcanatagg cctatatgaa ccgcttggca tatgggggtg ggggtactcc atttagagaa      240
tcagtgattt tattcaagca gtagaacgga gaggagttgg tgccatggaa atagttgcta      300
tggatatgaa gcttagagga atgtacattg ctcgacaact gagctttact ggagtgaact      360

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tcaaaattga	ggaagttctt	ctttctcaga	gctacgttaa	aatgtataac	aaagctgtca	420
agctgtgggt	cattgccaga	gagcggtttc	agcaagctgc	agatctgatt	gatgctgagc	480
aacgaatgaa	gaagtccatg	tggggtcagt	tctggctctgc	tcaccagagg	ttcttcaa	540
acttatgcat	agcatccaaa	gttaaaagg	ttgtgcacta	gctcgagagg	aaatcaagaa	600
tggaaaatgt	gttgtaattg	gtctgcagtc	tacaggagaa	ctngacatta	gaagctttgg	660
aagaggccgg	ggagaattga	tgatttgctc	actgccaaag	ngtggtgcag	cactcattga	720
aaacatttcc	tgttcanaca	ggaaaacttt	ntagttacta	ga		762

<210> 3539

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 3539

gnntttnnnn	nnnnnnnttt	tatnnntaca	gctacttggt	ctttttgcag	gateccatcg	60
attcgaaatc	ggcacgagac	taccccggt	acggttcccc	catgcctggc	agcttgcca	120
tggggccgg	cacgaacaaa	acgggcctgg	acgcctcgcc	cttgcccga	gatacctcct	180
actaccang	ggtgtactcc	ggcccattat	gaactccttt	aagaaagacg	acggcttcag	240
cccggtaact	ctggcacccc	ggatcgagga	caagtgcag	agcaagtggg	ggtcgagact	300
ttggggagac	ggtgttgag	agacgcaagg	gagaagaaat	ccataacacc	cccaccccaa	360
cacccccaa	acagcagctc	tcttaccgc	tgacgcccgt	ccgtccaaac	agagggccac	420
acagataccc	cacgttctat	ataaggagga	aaacgggaaa	gaatataaag	ttaaaaaaaa	480
gcctccgggt	tccactactg	tgtagactcc	tgcttcttca	agcacctgca	gattctgatt	540
ttttgggtgt	gtgtctcctn	cattgctgtt	gttgacggga	agtcttactt	aaaaaaaaaa	600
aaattttgtg	agtgcactcg	tgtaaaacca	tgtagttaa	cagaaccaga	nggttgacta	660
ttgttaaaaa	caggaaaaaa	ataatgtaag	gtctgttgta	aatgaccaan	aaaaaaaaaa	720
aaactcngcc	tntaaactnt	tntgagtcgt	nttcgtaaat	ccaan		765

<210> 3540

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (820)

<223> n = A,T,C or G

<400> 3540

nnnnnnnnnt	tnnnctntg	aagnnatagc	tacttggtct	ttttgcagga	tcccatcgat	60
tgaattcgg	cacgagatat	ttgtacatgc	atatttcaaa	gacctgttaa	tgggtgcac	120
tttgattct	tacatgaaac	gattcaagt	gencattgg	aaggccta	ggaccacgc	180
aaaanggggt	cccaacttat	ttaaagggt	ttcaagtacc	cttccaaaa	ngttaaatgg	240
catttaagac	actttcanga	atggttaa	tggttctaa	aacaaaaact	ccctaaagtc	300
tggtccctat	gcaatatata	ttntaatat	accatatata	ttttttacca	taggaatact	360
cacaaaagt	caagccaata	ataacattgg	caagaaaaag	taatacatat	ctgctaggtg	420
acaatatcaa	acaattcagg	ggaataattt	tactttaatt	aacattaaca	gaatttcttt	480
ttccacttca	aatcaatcat	atctctgtca	tctccaaact	aagatatatt	ttagattgtc	540
tcctattct	ttgattcaaa	agccaattac	agaaactatg	aacttgacct	aattctgggt	600
tttgacaatt	atgagacaga	aataaagaaa	tgcaagcagt	tcttttcttt	gccactgacc	660
atttttta	tcatcatcct	ctatgatgat	ggtgctttca	caactgcagc	tctnctgtat	720

gtcaaaatca ttctgggtnc aggtaaatgg acaaanggag atttgccttc agtgtctaaa 780
 aggcaattta cttttcaagc tgncttaatt acctatgggt 820

<210> 3541
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<400> 3541
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 ttgttccttt tgttttaata aaatgtgtca ctgatttttt agctcaaaaa tcatcactgg 180
 taattccaag cccccaaaat atggttaaaa agattttttt tttaatcatg aagagaaaaat 240
 tagtagcatt ctttctctcc cattatttat tggttttcct cactaatctt ttttttttta 300
 gtccaaaagc caaaaatatt tatcttgggt ttacatttta atttccattc ttaattgtaa 360
 tttttttctt taaataagga aaccaatata atctcatgta taaaaactta aatattttac 420
 aagttacata tagcatcatt ctaaaataag aatttttttt gntttctgtc tgcttttttc 480
 ttatgtctct tgntgagttt tatattttca gtggttatth ttgcttgngt tagatcatta 540
 ttaaaatata tccaatgncc ctttgatact tngctctgac tgagaatgtc cagtttgcac 600
 taaacatccc agtctcatcc ttcaggaatt tgcagtcaat gagaagangg agacaaaattt 660
 aaagatgagg acagaagcat ctntacagat gaaaattacn taaataaaaac attctccatc 720
 aacactaaaa aaaaaaaaaa aaaactcgac ctttagaact ntagggn 767

<210> 3542
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 3542
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 tcattaagca ccacaggggt cacactggag agaagcccta taagtgcagt gactgtggga 120
 aagcatttag tcagagcttc cacccttatt cagcatcggg agaaattcac actgggagaa 180
 aaagcctcac gttgtggtaa atggtatgtg ggaaaagccc tttagttata gcttcagtgc 240
 tcccgaagc accagatcat ccacacggga gagaagccgt acagatgcag tgtctgtggg 300
 aaggccttca gccacagctc agccctcatt cagcaccagg gcgtgcacac aggcgacaag 360
 ccctacgcct gcacgagtgt gggaagacct ttggtcgcag ctccaacctc atccttcacc 420
 agcgagtcca cactggagag aagccctatg aatgtactga atgtggaaaa accttcagcc 480
 agagctcaac cctcattcag catcagagga ttcataatgg gctgaagccc catgaatgta 540
 ccagtgtggt aaagccttca ccgaagctca aatctcattc accaccagaa agttcatact 600
 ggggaaaaaac cctacacctg tgttgaatgt ggtaagggtc tnagccagag ctacacctna 660
 ttcagcatca gataatncac acgggcgagc gccctacaa atgcatgagt gtgggaaagc 720
 cttaatcagc gtctgncctn atcancacca gaggattaca ctggg 765

<210> 3543
 <211> 734
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 3543

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ttcgaattcg gcacgagagt ggctggataa aaggatgtgt gggaaagaac tgagttgaaa	120
ttaggagtta gaattttatt ctttgggtact aaggaatcat tgaagatttt aaaattaggg	180
ctgacataat cagatttgag tttgggaacc tatagtttgg gactggagga agacagggtgc	240
cagacaccag ttaaaaagct gttattttct aagcagtaga caaagggtta cactgacaat	300
agctgtggag atagagaaaa gctgcgagat ttcagagttt tccaagggtgt aaacaactaa	360
attttgtgat caaaatgata agggccatct aataagctgg ggaatgtggg atctgtcttg	420
gttgagttgg tggattaact ganattaaca gagctggagg aaatgtaaaa agaaaggcag	480
gattgttcat tttgtctttt gtttgtttnt ggggaacagg gtcaaaattt tcattctgcc	540
taangtaggt tttagtcttt ttcaaaacat tctagtaggc aagtctgtag ctgaatcttt	600
ggaagaaaagg caaccattag taatattttt tgaagttccc tacctgggta attttttcaa	660
taaaaaactn aggtttctcag gttagcnaga atcatgggtct taggaagggt ancttgtaag	720
acccaaaatt atnt	734

<210> 3544

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3544

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ttcgaattcg gcacgaggtt cttcaaagcc aaccaagaca ggcttagcag ttttagagct	120
tcagaacaaa ttgccaaaag ccagagttgt ttatgctagt gcaactgggt gcttctgaac	180
cacgcaacat ggcttatatg aaccgcttgg catatggggg gaggggtact ccatttagag	240
aattcaagtg attttattca agcagtagaa cggagaggag ttggtgccat ggaaatagtt	300
gctatggata tgaagcttag aggaatgtac attgctcgac aactgagctt tactggagtg	360
accttcaaan ttgaggaagt tcttctttct cagagctacg ttaaaatgta taacaaagct	420
gtcaagctgt nggtcattgn cagagagccg gntcagcaag ctgcagatct gattgatgct	480
gancaacgaa tgaagaagtn catgtggggg cagttctggc tgtcaccaga ggttcttcaa	540
atacttatgc atagcatcca aagttaaaag ggttgtgcac tagctcgaga ggaaatcang	600
aatggaaaat gtgtngtaat tggctgcagt ctcaggagaa gctnnaacat tagaactttt	660
gaagaaggcn ggggagaatt gatganttgg ttcaactgcc aaagtgtgtg cantcactca	720
ttggaaaaca tttntgctc cagcngggaa aacttatggt tacttggn	768

<210> 3545

<211> 10

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(10)

<223> n = A,T,C or G

<400> 3545
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10

<210> 3546
<211> 936
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (936)
<223> n = A,T,C or G

<400> 3546
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aaaatatnta gtngaaacct tgtatatatt ataaacttag ctttgttaata ttaagtatga 180
aagcagcana natagatagt ctcagaagaa gaagaaaatg tataaatnct tggggagagc 240
tgtgataaan ngactagact tacctttgag ttcctagccg atccctacct gacagctttc 300
ccagctggga aaaatctgct tgggcaaggg aaagggggaa tatgattatt ggangaactt 360
cccaccttat agggactggc aagaggggat acatgaccag ggaatgaacc ataaaaggga 420
gagaaaattg acattttaa tttacangga attaagatga gatctaagna taatttgaaa 480
gattttgaaa naaagagcca aatccgagga aagatgtaag gaaagtgatg gggangggaa 540
aaaaaattat gggatggtna agactttcta aagttaattg ggggaggaaa tccaanggac 600
caccaagggt aaggttttaa gaaggggaaa gganccaaag gaatttttan ggaacccatg 660
gttttttcan cccccagaa cagggggagaa anccaaangg gaaaggaaa ganccggaan 720
ggcttggagc cncacagggg gggcttncac cgnccctggt taattccccc acccnccttt 780
ttgggggaa ggcccaaang gccgggggtg aatccancgn angggcccng ggagaaatng 840
gaccanccca tnccnngggc ctaaaccacc gggggnaaaa cccccctct tnttacctta 900
aaaaaatccc caaaaaaaaa acccgccang gggcat 936

<210> 3547
<211> 769
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (769)
<223> n = A,T,C or G

<400> 3547
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atacagttcc ccacattgaa gttgggaaga agatatatgg agagcagttg aagacataag 120
gggctctggg gaacagcata gttttgcttt aattctccag cttgttctca gtaaggggtg 180
aaggagaaaag agaggaagta tcgattttac agacgtcaca tcgtactgct aagaacagac 240
agaaaacttg ttgtaataac ccgtacacac tgtagggagaa ctaaggaggc ccctgggtgta 300
gcaatcattt tcccaaggat gacggattgt gaggcaggaa ggtgtgaaaa gaggcagtca 360
tttatataat tttgggggtt ccgctgagga aacctgagtg aactcacttc agatgcattt 420
ggaatatatt aataaaaaat acttgatttt ggctgctgca ggaactgctg gaagaaggaa 480
acaatcctag aattggcata aaaacacact gactcattac tcctctttgt tactattagg 540
catcagagat acatgttttg ttgattttag ttacagaaat gagacaaagt tgaatctgaa 600
tacattggct tncttggtca aggagctcct cttggatata atagctattt catgaaactt 660
cttttagagaa caaccatgat acttccaaca agctatttta gaaacaaaaa ttatgctgga 720
tctaattact cctaaaatgg tcattttcaa tgaatattgc actgattct 769

<210> 3548
 <211> 883
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(883)
 <223> n = A,T,C or G

<400> 3548
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 ttacttcttc tcttgccatc agattcttac cttagattgaa aagccatgtt aagtgcagg 180
 caaattcttt acgtctttat acagagatta acaatctctg ggtgatggga gcgttaagt 240
 attaaccttt gtcactagta natgtgggag gttagaaaag tgctgccctt tttgggtctc 300
 agtccctcag ttctgcaatt acaggcagcc tcattattng gncaaatcta tgtaaaattg 360
 atancncata tccaattaaa aaggatggtn agnggcaaaa aaaaaagaga gagagattga 420
 ttatnaccta gtccttgata gcccaacagg gngaatatag tccataataa ttggattggn 480
 cattggataa taactaaaac cntaattgga ttgtccgaac acaaataa agcttgaggg 540
 gatggatacc ccattctcca tggacgtgga ttattactga tggcatggcc tatggcaaaa 600
 atatctcatc tgnggcataa gccccaaaact aaggtncccg ccaggaatta aattnacca 660
 nnnngccctc cgagncctct taaaaaccta ttagnggagg tccgggtant acccgtagga 720
 atncccgagc ccttggaatn aaggaatacc catttggtt ggaaattttt gggacaaaa 780
 ncccnccaaa cctttagnaa atggcccngt nggnaaaaaa aaaaaanggc ctttttaaat 840
 tttgggggga aaaaaatttt ggggggnaan ggccctattt tgg 883

<210> 3549
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 3549
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 aaaccagggc ttcgctgcct ctgcggaggt cttacctgtc tctcctttcc acccggttc 120
 cctggaggaa gctaaactca gaccaaggcc ctgggctccc caggagttaa aagggaatac 180
 gctgtcccaa gattctagaa tgaagagtca acgtagcccg agtggcttaa acctcctgtc 240
 cttaaagtca agaaatgttt tctatcgagc cctggacagg tgtctctgct ggectgggg 300
 tttcaacagg tcatgcctgc ctacagacccc agggacaaat gttcttccag ctctaactca 360
 ttctatgctt taagcttttg acctatcttt gttttccag tgccacacca aatgctgcct 420
 ggggatctct ctttcttccct gagttcccat ataagaagcc cccattttaa gaattcagtt 480
 ggaatgggtt gtatttcaaa agttgctttg caagttagtt atttggattt caagttgcat 540
 tttaccaggg taacaatatt ataatgattg gttaccttcc cagagcaatc cagaaatgcc 600
 cacataaccc atgtcacacc tgaaccaccc tgagttcttc tatccttgaa cctcttaagc 660
 tttnccttaa ctctaacagg tctcatggtc cactcaaggt gtttcatgct tctcaantac 720
 gtccctttcc actgntgtct accctntntc caaacacaac acaaaaca 768

<210> 3550
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (769)
 <223> n = A,T,C or G

<400> 3550
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 ctgtatttta taactattaa ggaatgttgc agagaaatgc tatcaattgt taaaattttg 180
 ccatgaatac agcagcctca ctgaattctc ttagtagttc taatagcttg ccatttgatt 240
 ctaacagggt ttctatgtaa aagatgggtg catcttcaaa caatgatagt ttcatttctt 300
 ctctttcacc tcttaccttc cttgtgtttc tttagcattg ggcaggtcct tcagggatat 360
 gtgaaacagt ggcagtaaca accagacatc ctggcctctt tgtttttttt tccatgatga 420
 agtctcactc cgttgcccag ctggagtgcg gtggcacgat ctcggtcac tgcagcctcc 480
 acctcccggc ttcaagtgat tctcctgctc aaccccccaa gtacttggga ttacagggtcc 540
 tgccactaca cccgactaat ttttgtactt ttagtaaaga cagggtttca ccattgtggc 600
 cagctggttg agaattcctg acctncagt atccacctgc ctgctcctct ctaagttctt 660
 ggattacaag tgtgagccac cagcctgcc attgngcct ctttattggt cttcttgaaa 720
 atgcctgaa gtgtcttaac acacataatg ttgctgtaaa ncaatgatt 769

<210> 3551
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (765)
 <223> n = A,T,C or G

<400> 3551
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 ggtcagggag gaaagccaag atggaaaatg gatgggaatg aatgaggaac atgatgtggg 120
 ttgggggtgtc aattcatggt taatacaaca tgtgtggctc agtataacca gattgtcata 180
 agaagctcag gcagctctcc cctctgttg cctggggctt ttcgcagtta caataaaagt 240
 ggaaagatga agaataaggg caagcagaag acacacacat ttgcctgttt cctctttttt 300
 gtccagattg agtagatggg aggcagggtt gttacccatg atggtgtttc ataccagagt 360
 caatctacta gtttgccttg ttttataggc gtgattccca aattttgaat ctgaagttag 420
 ctgtcagttt aaattcagag ggtccgcagt tgtttttcag gtttttcttg attctgcctt 480
 tggaaccag gaagatgttg aatttacttt tcatctgaca atattgcaca tctgtgaacc 540
 caactgatct gaaagtgttt acctcttaac tctgtgaagt tagctgggta ttctggatgg 600
 ctgggacaat ggtgaggacc gttataatgg ttactctcac ctgtgctcca gacgtccac 660
 ttggtgctag aaatcacagt gaacaaacat ggttcttgcc tccacacact tgcagttant 720
 agggcagact gacgacatta aaaagatcca tcgggggtggt ataata 765

<210> 3552
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (789)
 <223> n = A,T,C or G

<400> 3552

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ttaaacccttt  tgacacccta  cttgttcttt  ttgcaggatc  ccacgattc  gaattcggca      60
cgagggtgggg  acgagccctc  cccatcctga  gtccacaggg  agatccacag  ctcacggagc     120
ctggccgcggg  acccctccca  cccctgcctt  gccggccctt  gcacatttag  gatatgctcc     180
tggggtgggga  ctgggctgtg  cccagggcct  ctgtccccc  ggatgtcttg  tgggtcgggt     240
cggccgtttct  gccccccagg  gcaccccttg  ttgtaggcac  tggctaggga  ggggcaggcc     300
tcctttctgcc  cctcgagaca  ctcttgggag  atgcattttc  cgtctggctc  acagggggag     360
ggtgaggctt  tgcaccccag  cccctgcccc  agccactgtg  aggggtgggtg  ctggctgagc     420
ccccggggca  acangagcca  agcangtgat  gtctttgttc  tcggctccca  cagcagaacc     480
agggtgagggg  gcgcctgcc  nggccagacc  caagtggggc  agcctgaacc  tgcttccctt     540
gtggccggca  tgccccgatc  tttacacact  ggtgaccctg  aaagaagaag  gaggaaggaa     600
ccttgcnngg  gtgtctgaag  gccgcactgt  cagcttggtc  ggtccaaaac  tgtngcttgg     660
aacttggggg  ctgtttacct  aataaaagtn  cccacaagtg  ccttnantta  aaaaaaaaaa     720
nnnnnnnnnn  nntnnnnnnn  nnnnnnnnnn  nnnnnnnnnn  nnnnnnnnnn  nnnnnnnntt     780
ntnnnnnttt                                     789

```

<210> 3553
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (775)
 <223> n = A,T,C or G

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<400> 3553
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cccttccaca  ttatactact  aattttattt  aaatagatag  gtatcacact  gagaggatat     180
aaaaaaaaatt  tctgcctctt  catttttgtt  tcttgtttga  acagaaaaaa  tgaccaaaat     240
attgggagta  cttctaagga  aaaggcaaca  cacattccag  ttaacacttg  gatgtgaaaa     300
tatcaatgaa  tattagaatt  tataagtcaa  actggctctg  ctcgctgatt  gcaattttta     360
gttacattca  ctattttgtg  cttaaattta  gtcattggta  tacgactggc  cagagtcctt     420
ggttttaaac  attactgaga  actttatata  tactcttaat  gggatatttt  tataatgtcg     480
aatgaaactt  ttatttttag  atttttaaaa  aatattttgc  actttggact  taattttaca     540
ctaaattgta  tcagccagcc  taagggcatt  atgctaaatg  taaatctagt  tcttgggttaa     600
gcttttattg  aaagatangt  ggtgctgtaa  gttaatatat  tgtagtgaag  gtgtgggaga     660
aaagttaaat  tggcacttaa  atcttanttt  tcaaggaaaa  cgtgtcccg  acatactgca     720
ttatgatgga  cttgtctcan  gtgaagtga  gaagtgaag  aatcaagtgt  atggc          775

```

<210> 3554
 <211> 828
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (828)
 <223> n = A,T,C or G

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<400> 3554
ttnnnnannat  gnnaaaggng  cagecncttt  gnaacccttg  gtaaagcccc  ttgttctttt      60
tgcagatccc  atcgattcga  attcggcacg  agtatctatt  ggcagcaaag  antntttatt     120
ggtatactac  aatatgattt  aactgttatt  ttggggataa  atagtagaaa  aaagtgaaac     180
agaatgaagg  caggtgtttn  ttattctaat  gatggaataa  tacagagata  ctggacgatc     240
tctagcagtt  aattattgtg  acccatataa  aattatacag  gtcacagtat  aattctctat     300

```

taccgntttt	acaccagtaa	gtcttagata	aactaagcat	gcttatgaat	tatgtataca	360
gttagaatgc	attattttta	cagaggaaca	attgcttgta	tgtactaaca	ctgnactctt	420
ggcttgcttc	aagttctact	cattattnta	tataaaatac	tattaggctg	ggcacggtgg	480
ctcacgccta	taatcccagc	acttttggga	ggtggangct	ggcggattac	ttgaaggcca	540
ggagttcgag	accaccttgg	ccaaaaatgg	ggaaaacccn	atctctataa	aaaatacana	600
aaattanccc	angtgtcatg	gataccatgc	ctgnaaatcc	ancttctttg	ggaaggctga	660
aggcacnggg	aatcggtttt	gggccccggg	gaancacaag	tttgcaaatg	gagcccaaga	720
nccatgccac	ttggaccena	aancctgggg	tggacaagag	tgcaacactt	gnntcanaaa	780
aacccaaaaca	aaaaacatca	gantantggn	ttgnggaagc	cnanttgc		828

<210> 3555
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 3555	
gcnnnnnctn	gggaggggng
ctcgccnaaa	canataggnc
atnttattgc	ataagttttc
aggggtatgc	atccgggtag
atgtgtcata	gccttggtac
ggcatcngtc	tgcatgtctg
ggctgtaggg	atcctctctt
gcgncatgag	aaagnaacnt
tgnttttaag	naccaannnc
agtacangna	tgagngactt
acttcnecga	ncagtcncnc
aatnangcnn	tncccatte
ccncncncnc	ccncnccccc
ct	

<210> 3556
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(754)
 <223> n = A,T,C or G

<400> 3556	
ttanatacan	ctacttggtc
cgcccagctc	cgaggttgga
agcaccggga	gctctgcaga
aactttctcag	atagaggaac
ggcccataaa	tatgtgggtt
agccttctcc	cagcaggagt
tgtgatgttg	gagaactaca
acatgtgatc	gccttatttg
aagaagatgg	tgcacaggat

tttaggcgat	gatgccacct	gcacatggaa	ccaaaagatt	tgcagttgga	agatgataca	600
atcggtctga	aagaaatgcc	cacctctgaa	aactgtccat	cttttgcctc	acatcagaaa	660
ataagtagac	agaaaccacg	tgaatgtcag	gaatatggaa	agaccctttg	tcaagactca	720
aacctgttca	catgaaagaa	tncatagtag	tgaa			754

<210> 3557
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 3557	
tcnntttcta	atgcttggtt
catttattga	agagacaacc
agttgtccat	aaatatgtgg
tgtctgtttt	taatgggagt
gaaatcaaat	agtatgatgc
ttagggtctt	ttctagtctc
ggccattgga	attttagtag
catattaatg	attctaattt
gtattcaaca	aattcattat
acagagtctc	aatctgtcac
cctccggctt	caagtgatcc
tgccaccacg	cctggctgaa
gccaagntgg	gtctngagcc
	tttagaacta
	n

<210> 3558
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 3558	
agtnnttnnt	ttttgactcc
gaattcggca	cgaggccaca
gcagctggca	gggaagggcc
aacctatgcc	tccagctcac
gaatggacag	ggtgagctca
tcacatgacc	aaggatgcca
agctgtgtcc	ctgactaagg
gcacaagatg	ttgtccctgc
tctttcaaat	gtctcagata
ccaggggtca	ccagcagcca
actcanctgc	ttaactggcc
gactgttttg	cccgggcccc
accactgtcc	ttcgagcagg
	anttaca

<210> 3559

<211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 3559

gggnttnnnc	cctttgaaan	cttttataca	agctacttgt	tctttttgca	ggatcccatc	60
gattcgaatt	cggcacgagg	gttgtttctag	gtagtttcat	gcggatgctg	acctaaacta	120
gaatgtagaa	attagtagga	aagtgaatgc	ccactagggtg	gaaacctgaa	agcacgggga	180
cctgcgatct	tgtttactgt	tatattcctg	ctgcgcagct	cagggctctct	atgtaaaaaa	240
tgagtgaatt	tattttctag	ctggtgccta	caaaataatc	tgcaatgtat	ccatactggt	300
ttattaatgg	taacaaatga	accgtactaa	tatgagataa	taggggaaac	tagatatgga	360
gtgtatggga	attctatctt	tactatttct	ggaaacctaa	aactactcta	aaatagaagg	420
tttatgtttt	gaaagcactc	tgctcattgc	gctcttgtct	gaaaagtga	gcctggcctc	480
aagccacttt	gagtatttct	cttctgccag	ttaattatct	taccattgcc	tctcagtgat	540
attaagagaa	aaccctactc	taacattttt	cattactttt	taggttcaaa	atgagcctgt	600
ttggaacaac	ctcaggtttt	ggaaccagtg	ggaccagcat	gtttggcagt	gcaactacag	660
acaatcacia	tcccatgaag	gtccacgaaa	agctttctgg	ggcttgtagg	aagaagtttg	720
ggcagagttt	cttccatcaa	nggccagaac	ccgagatgac	cttggaacc	tcctttan	778

<210> 3560
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3560

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aaaaaagcca	tatggcatag	aaaaaaaaaa	ttctgtcttt	ggaggaaaaa	ggaaaaaagt	120
cccaggtttg	aagccagttg	tggcctctta	ctaggatat	tattgagtct	ttcagctctg	180
tttcaaaatc	tagaaaatga	gttcagtatt	acctgtttta	atttgtgaat	aacgcattga	240
tgtacaccct	ggattcccta	aaactgtctt	aactgcgtga	gtccagtggg	ctcagtgcac	300
gagtctaaat	ccttagactt	ctatcagacc	ttctccccta	gcagtttcat	ttgctcttta	360
aatacaaaac	ttggacactc	atgcagaacc	acagaaatca	tgtagacaaa	ctagaaatta	420
tcgtgcactc	acaaattata	gcttccatta	ttaggtaata	catgctaaac	cctagcaaac	480
attaagtacg	tgaactccta	ttactaaata	gtaatcactc	aagtaaactg	gacaaaatgt	540
cttacggagg	gtcacatctc	atgtgaaatt	aaaccatggt	gcaggcagtg	ctacacctga	600
gattttacac	aggtattttac	atttcttttg	cctttgtggc	aatatgtgcc	tgtaaagata	660
ggctattaga	gaactgggca	atgagnaacc	ctacaccnta	aagtacaagg	aagnnatgtg	720
ccatatcagc	agattttttg	cttattttag	tagtaatgaa	tcctcaaact	ct	772

<210> 3561
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (771)

<223> n = A,T,C or G

<400> 3561

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ggtgntttnnc cttgaanttn tatacagcta ttgttctttt tgcaggatcc catcgattcg      60
aattcggcac gagctcagct catgggaatn tgccctctcac tggctctcac tgggtttatc      120
ccagtgacca attctaggat gaccagaaga atgattccac tgggcttggg agtgtttget      180
ggtacctcta atctctgngt anagttnatg gtacctgtgt gctctgtggc taggtcctca      240
gagtcagtc cttgggcaggt actgtcagcc ttcagttttc cccacagact gtgttcctgg      300
gcctgaatcg ctcagactac atgttccagc gcagcgcaaa tggctcccca nctgaaaca      360
gatcgaaatc aacaccatct ctgccagctt tgggggacctg gcctcccgga ccccanctgt      420
gcaccgggtgg gtccctctggg cagnccccgg catacctgtg gggtgacatg ctgatgggtg      480
tacagtcact ggctaggcca gggaaactcca gctatgattg tgcttttctg ggccccgggt      540
cacatgttgc cctgnccac cccgacagca gttnnactt gtaatgagat ccttggtatg      600
tcaaggagaa aaaggacctc atagctcacc tagtgctgtc ctccattgaa caggcagaag      660
gaacaatatc ttgaaaaccc caaaatanag gaaatgcaag ggacttctgg cttggnggct      720
gngectggta catcatttct accagcattg atgctccagg ttcaatgatt t              771

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<210> 3562

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (786)

<223> n = A,T,C or G

<400> 3562

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ggnnnnntnnn ccctttgaaa accctttata caagctactt gttctttttg caggatccca      60
tcgattcgaa ttcggcacga gggacaaaac gtggcaaaac aacctgggt aagaatttgc      120
agaaacacct cccaaattgc agtgctcatat ctcaggatga tttcttcaag ccagagtctg      180
agatagagac agataaaaat ggatttttgc agtacgatgt gcttgaagca cttaacatgg      240
aaaaaatgat gtcagccatt tcttgctgga tggaaagcgc aagacactct gtggtatcaa      300
cagaccagga aagtgtgag gaaattccca ttttaatcat cgaaggtttt cttcttttta      360
attataagcc ccttgacact atatggaata gaagctattt cctgactatt ccataatgaag      420
aatgtaaaag gaggaggagt acaagggtct atcagcctcc agactctccg ggatactttg      480
atggccatgt gtggcccatg tatctaaagt acagacaaga aatgcaggac atcacatggg      540
aagttgtgta cctggatgga acaaaatctg aagaggacct ctttttgcaa gtatatgaag      600
atctaataca agaactagca aagcaaaagt gtttgcaagt gacagcataa agacngaaca      660
caacaaatcc ttntgaagt gaattaggaa actecnagga gtaatttaag accttnacca      720
agatncatgt atactgnggt acaatgacag ccattggttca tatggttgat ttttattgcn      780
catggt              786

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<210> 3563

<211> 838

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (838)

<223> n = A,T,C or G

<400> 3563

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gnnagnnnngn nntttnnncc naccggancc acgtgaaccc ttgtttanaa cccctngnnc      60

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ttncgcaggg	atcccatcga	ttcgaattcg	gcacgcaggg	cagcncctnt	atctngtnnt	120
ttaaactctg	gcngccntt	cctaattctc	agaccaacaa	gtagtgtttt	cccatcggga	180
tcgcttanca	naaaatgagg	agagtcttgt	ggccatcanc	tttattgnaa	gccgaaccac	240
tgtnagcaaa	aataccaagg	agaggntcga	tcccactntt	gnaanaaaaa	gaaccatgag	300
ggccctgcnn	aatncaactg	gacnttgggg	atactcactg	aagaaggtgn	atctatttag	360
gaatgcaaat	tgtcttncta	ccccagacnc	cccaacaana	aanacttggg	gtgganggtg	420
anatatnnc	gccaagna	aacngtttgc	atntntcctt	nttggttnga	caaagacntg	480
ntnccanatn	gtcctcaaag	gtacataaat	acanacatat	gatatttgtg	tatatataaa	540
cacatatgtg	tagtaanatc	cnncttttac	cttggggnga	gacttgaaga	aacnccagcc	600
ttctttctag	agagcctctg	cttctgggtat	tnacctgtca	caaaagccca	tacctggttg	660
tcaaaccctt	tccttgtaac	tgangggagng	catnttacga	atatggnggt	agagtaaagt	720
agccaagtgc	ntatnggaaa	atttaagccn	gaaaaannna	attannaaaa	attccnaaaa	780
cagcccaata	atctnnaggn	tggggaaaann	aaaaacccgn	nntnggttnt	tttgtntt	838

<210> 3564

<211> 676

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (676)

<223> n = A,T,C or G

<400> 3564

aacctnttta	cantcactgg	tcttttgcag	gatcccatcg	attcngtgaa	gtggagatat	60
gtgaatgacc	ttgntctttt	atttgaaata	tattttccta	tgtcttcatt	ttccttcact	120
gtctgtggtg	atttatgtgc	atcagataag	acaaccacct	ctcccagnct	cgtcagactg	180
gtctcatata	ggagaaagat	ctcaacaatg	tatccngcca	gagattttta	gggcttctnc	240
aatctcaaaa	acagactgct	atatctcctt	tttgtggccc	actggagcgt	ataatgtgnt	300
atgtcctgtc	agaaccctca	tgaatagnat	ggtaggagca	agactcttta	gacatanctg	360
aaaagcttac	ttggtggatg	tgtgtatgca	gntccttcta	tcttcanggn	gaagttganc	420
aaagatgttt	atctcccact	attctgtcta	accgaaaga	natatttgtc	tccattcagc	480
tgccctctctg	tctgggggag	aaagtagngg	aaggggcccc	tctgtgtcac	ctcttgnntc	540
tgnggctatc	tctcantggn	tctacactta	tanctaata	ttttcaagnt	ctgtgcgggtg	600
gtgcctcaaa	cagngtgaat	atccatnaca	ggtagggggg	cncgaagggt	ancataactc	660
ctcatatgan	anntat					676

<210> 3565

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (781)

<223> n = A,T,C or G

<400> 3565

tntnnnntt	tgaaaccttt	tatacaagct	acttgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acggaggcca	tacaagagac	tccagatatg	cagctagaga	aacttaagga	120
agggtgagctt	atcaacgtgc	attcagaaaag	tggttatgat	tacaagaatg	aagatatccc	180
agaggaattg	acattgtcag	aaaacttcac	attaatcgaa	ttctcagaga	tgtctcacia	240
cattgaaaagc	acaaaagatg	aaatgttaga	agctgggtgca	cagtaaggat	aaaggagtat	300
ggcagttcac	caaggcatgg	aaaagatgcc	tgctccatat	tgtaagtta	tacagtgaga	360
agaaggaggc	gaacatagtt	cagactactc	ttggtaggtt	tttaccaaaa	aataaaatat	420

ttaaagctca	atatttttga	cattgcaatg	tactttaaaa	gatgctggga	ttaaaggcgt	480
gagccaccgt	acctggccct	tggtggaatc	tttaggggtt	tctattcata	catataaaat	540
catatcattg	gcaaacagag	ataattttac	ttcctccttt	ccaatttgga	tgcccttagat	600
ttctttttnet	tgccctaactg	ntctgtctag	aactcccage	ctatgctgaa	tagagtggca	660
agaacaagca	tttgccctgt	tnctaacctt	agaaaaaaaa	tncttcaccn	tttaccattg	720
angatgatgt	ttgctgttag	tttttcataa	atgatctata	tcangctgaa	taaattctat	780
t						781

<210> 3566
 <211> 762
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (762)
 <223> n = A,T,C or G

<400> 3566						
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aaattcttct	ttcaaggcag	ttgtcttcgt	atctatcatt	ttaccatacc	tggttaaaac	120
agagtcccag	gtacatatta	aagcaagcct	tcatacatgt	tgccctctta	tctaaaagcc	180
tcttcccact	cctttccctt	tacctggtaa	tcctgtttat	tccttagatg	cctgctttaa	240
agagatttcc	tttggtaaat	cacctgaac	cctcagacta	gtccagacct	ctctttgata	300
ttttcctctt	gacattcagc	atztatccca	attgaaagta	ataattacat	ttgtgtagtt	360
attagattat	ctgtcttctt	tagtaaaaag	taagcttatg	ggctgggtgc	catggctcat	420
acttataatc	ccagcacact	gggaggctga	ggcaggagga	tcacttgacc	ccaggagttt	480
gaaaccatcc	tgggcaacac	agaaagatgc	catcaatacc	aaaaaaagga	aattaggtga	540
gtgttaaggt	gcaccagcca	ctctggaggc	tgangtgggg	ggatcacttg	agcccgggan	600
gtgggaggat	cacttgagcc	cgggaagtgg	gaggatcact	tgagcccagg	aggtcgaact	660
gtagtgaact	gtgatcatgc	cactgcctnc	acctgggcaa	cagantgaga	ccgtgcctca	720
aaaaaaaaaa	aaaaaaactc	gagcctntaa	actatagtga	gc		762

<210> 3567
 <211> 773
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (773)
 <223> n = A,T,C or G

<400> 3567						
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gcacgagggg	aaagaaaata	actttgtgaa	gccagtgtat	tctgttttta	aaactgtgcc	120
tgacgtgcaa	tactccttct	ggtgtatttt	atccattatt	tcacttgctg	gtcgtcattt	180
cacagccagc	tttgacatgc	ccgtgaggac	aggagccgcc	gcttcagttg	tcactgcaga	240
gccatcgtat	gtcagttgca	atttccatct	gaagctatgt	ctttgaactc	actttaagca	300
gaaaattttg	tacctgggtg	gtcagagtctt	cccttaaaaa	ttgttaaate	atlttgcttt	360
aatgggtcaa	taatttgggg	tggttccatg	gtgtttcttt	tcttcccagt	ttaaaaaaaa	420
aactttttta	gcgtaaaatc	tttaaggggt	acacatttat	aagtctggct	aatttctaata	480
atgctaatta	aacatttccc	atlttaaggt	tatatacagt	gaggtctctc	aggacaatta	540
ttttctgggt	tgattgggca	tatgtttgcc	cgtgtaaaaa	cggatatgat	aaagtgtcag	600
taacaatgga	aaaggtccca	gaggcattag	gcactctaaga	ngatgccttc	agaaacgtat	660
tctggcttga	tttgtgttat	taacttcaga	agaacctttc	aaatgtccca	atatacgttct	720

tagtgctttg ggaaaaaata tttaacacac tggtaataaa tttgtatcag aag

773

<210> 3568
 <211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 3568
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 ttgcttttct gactagatt gtgagcacca tgacattagg gatcatatct ttncattgta 180
 ctgttancta cacataacan actgcatgct atacgttggg aaatgttaan tnaatgaata 240
 tcttcncagg ctactgtttt tgatcgcccc aacgcctagg ctacttttct ctcactctgc 300
 ctcanantgc tgtggtgatg catcccgcga gcacctgcag agacancccn gntggtaatg 360
 ttggccacag nncagctnt gctgccagtg cccatcgatg nggacatgga ggcggtccta 420
 gcttcaagct gacggtgctc cctgctgat acanaaaactc ctgattccaa agctcattat 480
 tttgttagnt ttatgccttg tgtctntgta tcaccacccc catngntaaa gcttggtntt 540
 tatgtctgga gaangaaggc aatnggaggg aggaggccta atngnctcaa aatcacccct 600
 tttttntatg aaagtgcctc aaactcattt accttggtgc tcanancctg aggaatgact 660
 nnttttcttg cnanactctt tggttntctc tttaaaatgg acccctgggg ggggaatttct 720
 tttcttcaat ctgacagaan ctaaaatttg nccctgtntt caagggnaan caccaactgg 780
 ggcttntact ngggg 795

<210> 3569
 <211> 801
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(801)
 <223> n = A,T,C or G

<400> 3569
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 cgctcagatg ccagtcacaa gtcccaggcc tctcatactt ctgaccgact ggctacaaat 120
 caggggttcc cactacctcc tcagattaga taatttgctg gataaaactc aggaacatt 180
 attattaagg gcacaactca gcaacagccc agtagaagag gtgcacggag caagcacggg 240
 ggggaegtgg agtttctgtg cctcctagg gtggcctcct gccagctca ccttgtgtg 300
 tgcaaggctc ccgaatcttg tagtttagat ttctgtagaa ctcaatctct aatcctttcc 360
 ttttctcttc atttctcttc aggataaggg accggggggg cgggtgctgaa agttccacac 420
 tctangcatt ggggtctctg ggtgaccagc cccatccaga ngccatctag gagggctgct 480
 tttaatcaca gcgttagcat taacagttgt gattgaaang ggcttgtttt gaacaataaa 540
 aaatatttct atctcaggaa atcccaaaga tataggaact gtgccaggaa ctgagacaa 600
 agatgaaata tgtcttatat cacatttctt ttgaattggg taaagtgccataaagacaac 660
 aaaaaataat attaaccent ttatataaca cttgggggta ggtgggtata aaataatcta 720
 aaagatgaat ttaaaagtat tggggggagg tgtacatagg ttatantgcc aaatacctat 780
 gacgttttat ataagggact t 801

<210> 3570
 <211> 735

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(735)
<223> n = A,T,C or G

<400> 3570
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 cctctcctcc tctgtctca tgcgccttg tgcgtggtcc ccagctgttg gtgtcagggc 180
 aaggacaaag acccgngaca cctcangtct gagtctggt gattgccagg ccctggggaa 240
 tgggggaaga tgtggtcaga ggctnttctt gtgaccgng caagatgtnt cttntgctgg 300
 accggcacct tttgtttgtt ccattgggtg cagatgtgag cnacatcagg cgctttctca 360
 gtgnatttca cgagccacan gtggggctna tccaagccgn ccagcanctg ctgtgtgatg 420
 agcaagcccc acagaggnan aagctgctgg ctgacctct gcacaacgtc anccataaca 480
 tngcggacga gacennngct gatgaccccc gtggnttgaa gcttggagtt ncgatttcan 540
 agcangnttg gctatctgan atacanctgt nagagccgga tcccagagta cctgagggan 600
 gtgagctct accntccacg gtgggtgagg agnctaagag gaattctgcg gtcttctca 660
 ttgcagagct cgtcatcat catgcnctat tcaaaagacc aagcggagcg cttgcacgaa 720
 gtgttctgca ggtct 735

<210> 3571
<211> 766
<212> DNA
<213> Homo sapiens

<400> 3571
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 gacagatcct cctctgcag atggtgagca gtttccact cggctctttt gattgttctg 120
 caattttcaa tgaccatggc acaaatttat ttaaagctga aatacttcac ttctattaaa 180
 gcagttggct gggatatattg tttttgctga aattattact ctaggaggta aatctaggct 240
 ttattttacta ctttgggaaa gtacatttaa aggccatgaa tcagaaacta gggtacaaac 300
 gtttaagactc aaaggatctg tatactgagg cctatatattc catgaagtgg ttctctactc 360
 tcagcaaatac tagtattgct gaatgttgta gcattataag caggaaaatac atcttactgc 420
 acataatcta tccccacaga aacctatgac atttaggtat tatgcaggca tgtgtcttca 480
 gttggctgct tccttatttt aacctatgtg cctataaat acttcagatc caaaagggtt 540
 tttccacact tcgtttataaa aaagtactaa ctagcacata tctgcatttt attccgggat 600
 ccacatctcc aaaaagttga ttataaagtt tacagcaagc atagaattca aaatttcctt 660
 ttttttctaa atgaccaaca atacaaactt tctcatgtac acacacatga gaacacacat 720
 gcatgtcata cacacatcat gcattcatca caaaagcaa gcacag 766

<210> 3572
<211> 773
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(773)
<223> n = A,T,C or G

<400> 3572
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 tcggcacgag gttggccttt tcnattcaga tgtttntctg caggangtgc ctngnatnna 120

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ntttggnttg ntnacatgag tttnatatgc atgcgcattt ttggatgcc aacacatagg 180
cagatgaaac taagaagcca gatgctagag atcgcagngc gatgaattga aactagccta 240
actggctcca ctggttgaggt cattngctca aactactcca aacttttggt tgntctactg 300
aaaacattan tnggaaaggt acagnntaa tttanggcng ggaagcctnn atcncgtgag 360
agtnaggtct ntntatgcga tgctggngang gaaggatngg agatgagagt nattttacgg 420
gcgcctatct cctcctcttn ctatcntgcc ctggactgcg anctcatctt tcatannctc 480
ttgcntgggtg gtaggcccag caancggatg gatttttaagn atctcagaat tttcanttna 540
tcannnnntca ctntcagagn tccttttntt tntcaagggg acccagtcta actgggttagc 600
ttcttttcaa tagncctcct tactnactta cgcctagtca nggacgaana ntaatggtaa 660
ctganttact ntctctcaac aaancattag ntgattngac tttttacncc tcattongan 720
ggcnttagac cccttttgtg cactttacnc aaggatgttg anacctanaa ttt 773

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<210> 3573

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (790)

<223> n = A,T,C or G

<400> 3573

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ggtgnttnmc cctttgaaaa ccctttaata caagctactt gttctttttg caggatccca 60
tcgattcgaa ttccggcacga ggnaaagctt catgttccgc acctgggggg cggatgttat 120
caacatgacc acagttccag aactgtcaga agataaattt ctggtgttct cagccatcca 180
gtttgtggta ctttgtaacg gcagccctag gaagctgatg cagggtggat tgattcccct 240
gctccagaga aaggactgtt ttcacagaag aggcgatgct tgaactgaat ctgaagggat 300
caatgtggct tcccttgga aggcattgga tgaagggtga gtatatccca agtggggagg 360
acagcacgtg acatggcgca gggcttatga aacaacatgc cttcttctct tcangtactt 420
aagctacatt agtaagacca gaacttagtg gtgaggggtg aagctggctg gacaggcagt 480
taggagttag tcangcgatg gtgagcctcc gtgccagaac aacttgtagg ctgtggaagc 540
aaccgcgaaa gggatggcag cggatgata tatagttgaa agatcactgt ctgctgtgta 600
gaggatggat ttggaagagt caccanagca ggaataagaa gttaaagggc ctgcaccagg 660
gcttgtagca tagagtttna gaaagtcttg gggagaattg antcaccttg acctactgat 720
tcatttggaa ngtgggaatg caatcatggg ggtaagtcct ctaagatagg acctttnaag 780
tgtanggatn 790

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<210> 3574

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (715)

<223> n = A,T,C or G

<400> 3574

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ctctctgcag ctgctcacct cctgctgagg cctctgcctt cagagctagt ggggcctgct 120
cacacattcc agtagtttcc tctttatttg tccctgaacca agttgtagaa tttaaaggag 180
gtgaagtaga gcgatttcta tggaaaatat atttttcttc tttactctc atgctgagtg 240
cataagaatt tattatttcc cctgaatgtt caaagtgggt tgtgtgtgtg tgtaaaagaa 300
ccaggagcaa acaatcttaa taggaatgtg cgatcttgtg tttatcttta gcacacttaa 360
ttagctacaa cccgggactg ttgccatttg aacaagttgt taagaaaatc tgccatgttt 420

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tgctcttttt	caaaaggaat	gactttaata	accatagcaa	cacttactca	gttttgtgat	480
ccactccaag	attatgggag	caagaacaga	tactcctgaa	agcaaccctc	accttctccc	540
cgccccctgc	cctcacaagt	cctgcctgtg	tgaactgaag	ggtttggaag	ctctgggttc	600
taggantgcc	cagaagctag	aaagactang	gtgtctagtt	attgaggggc	aattgtcant	660
ggcagtgtgg	gggcacccca	ntggtattcg	aggcactgga	ttgctttttg	ntccc	715

<210> 3575

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3575

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tctcatcctg	aggccacttt	ctagggccat	ttctggcacc	agatgtttta	tttcagctcc	120
cccaaaagca	aaaccctgag	gcagggatct	tggttgaagt	ggggagggga	tcccagaaaag	180
tggggtgagg	gtacggaggc	atgaggtagg	aaaggggaaga	aaggagataa	aatgtgtgtt	240
aatgagcagg	ttagcactgt	ggaccaccac	gctcaatccc	actgagacgt	gaggaagctg	300
ggaatgtatc	caccaggcct	taatttatca	agatgaggat	tactcctgag	atgttaactc	360
cttgttgttg	gacctaggct	gaacatgctt	ccgtagccaa	gaaagggcct	caggtgaaga	420
gacacagaga	accttctgca	ggccacattc	caggctggga	taaggggaat	tgggtgtgac	480
atcaatagca	tctcatccca	cagtgaacta	agaagataga	agagcaaagt	caaggaatat	540
ttgcatgctt	tcaatactta	ctcatcaaag	ggtcgactcg	acttanaaga	aattacaaat	600
cctgcttacc	attttcagcc	caatatgctc	acgttggcca	agccacagct	gcctttaaat	660
agtaccaact	cttgaaaaaa	aaaaaaaaact	cgagcccttt	anaactatnn	tgagtcgnat	720
tacgtagatc	ccgacctga	taagatccnt				750

<210> 3576

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3576

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aggcgaaaca	ccactgcaag	gtgaacagcc	tgggttacta	gcanaaaaaac	atcattcagt	120
ctgtaaaatat	ttatgaanat	ctgtganagg	cactaccctt	accctggagc	taacctgtga	180
occagagagc	aaggactctt	gcttttacag	aacacatatt	cttgtggaat	gagaggggct	240
atcatcaant	aagcaaatca	ttcnatgnan	tgtgttantn	tattttccca	ttgctttaaa	300
gaaatgcctt	ttntctgggt	acttataann	aanagaggat	nnattggctn	atggntccac	360
aggetgtacc	ataagcatgg	tatcatctgc	tcagcttctg	gggaagcttc	angaaactta	420
cagtcatggc	aganggcaaa	tgggaagcca	gcactttaca	tggncanana	aggaggaaga	480
ganagagaga	ggcacgaggt	ggtacacact	nttaancaac	ctgatctcgt	gagaaccac	540
tatggtgaga	acagcataga	nggaatgatg	tttaaccatt	catgantaac	cacctcatg	600
atccaatcnc	ctgcaagcat	gnaccaactt	caacactggg	gattacaatt	tgatgtgaaa	660
tttgancagg	gacacaaatn	caaaactcatc	actaagtatc	agnngctttg	gaaaaaaaata	720
cgt	ntcca	nnentgatag	atnccntnt			749

<210> 3577
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 3577
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 gcgatgagaa cagcgagggtg tggcggagcc tgtgcgcccg cagcctggca gaagaggctc 120
 tgcgcacgga catcctgtgc aacctgcccga gctacaaggc caagatacgt gcttttcaac 180
 atgccttcag cactaatgac tgctccagga atgtctacat taagaagaat ggctttactt 240
 tacatcgaaa ccccatgtgt cagagcactg atggtgcaag gaccaagatt ggtttcagt 300
 agggccgcca tgcattggaa gtgtggtggg agggccctct gggcactgnn gcagngattg 360
 gaattgccac anaacggggc ccnatgcagt gccaaaggta tgtggcattg ctgggcagt 420
 atgaccagag ctggggctgg aatctggtgg acaataatct actacataat ggagaagtca 480
 atggcatggt ttccacagtg cancatcnca ccaaaaatatc agataggaga aagaattcga 540
 gttatcttgg acatgggnana tatgactttn gcttttnnaac gtggatatca gttctggggg 600
 nngnttttng aggactccaa agggctggtt attcccagca ntnnatgctg tatatggggn 660
 cncagaantn actttggttn nactnggnaa acctttgtac ggnnacaann gnnnncttgn 720
 natnnctnctn nnangnnnga naaat 745

<210> 3578
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 3578
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 gggcaacatn ntgcancctn ntctctaaan atatntnttg catngantng cccgncatgg 180
 tgggtgcacgt ctatagcccc agctacttca gaggctgatg tgggaagatc ccttaagcct 240
 angaggtcng aggttgagcgt gagctatgat ngcaccatta cctccagcc tgggcgacag 300
 ancgagactc cgtctcaaaa aaaaaagaaa anngactntn nncgaangga gacacgtnaa 360
 agtcttgcta attgtcatat ccactcccaa ntntagcmtt tctggatgat gnccattcct 420
 nctgcaatnn ccttatnctc catctnaacn ttttgcaacc tatgaactgn ttcgtanant 480
 taattactac caatacacc cttgtacagg agcatangga aatcaanaan antgangaat 540
 tnnantctat taaaggccac nagaatggnt nacacctgta atcccaacac tntgggaggc 600
 cacngcgagt ggatcacctg agatcangag ttcgagactg gcctgggncaa catngtgaaa 660
 cccngtncc tactaatggt ncaaanatta ccaagccgtg gtggcacgtg cctgtgancc 720
 caagntnctc nggaagctgt agcangagaa at 752

<210> 3579
 <211> 725
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(725)
 <223> n = A,T,C or G

<400> 3579

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tggagggtggg	actgtggagg	caccattgat	tgaactgtgt	cccctgcagt	tcacatgttg	180
aggcccaaac	ccccagtgtg	gctgcatttg	gagtagggca	gtaattatgg	ttaaagagg	240
tcgtatgggc	gggtgctgat	ccactaggat	taggatcctt	ataagaacct	gccaccttct	300
ctctgccacg	tgaggacatg	gggagaaggc	ggctgcctcc	caccaggag	gagcccttac	360
tggacactgg	gccctggctg	caccttgacc	ttggacttct	agtccccaga	actgtgagaa	420
gtagatttct	gctgattacg	ctttctgtgc	tgcggcctga	gctaagacag	cggcgcttgg	480
ggagaagcag	aatttgagga	gctcctcant	ggcaggctgc	cctggccctg	ctgtcagcag	540
aggggaatgg	ccatccatgc	tggccccctac	cagccggggc	ttcantgagc	tccccgggta	600
ggtgaanctc	tctaactctg	tgtccccccg	aaacaggccc	acgagccaac	gcctatgggg	660
tggantgaaa	attangaaga	aacattaccc	ganggggtcac	tctntttnan	aagacctcaa	720
tggnnt						725

<210> 3580
 <211> 737
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(737)
 <223> n = A,T,C or G

<400> 3580

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cttaacgcag	ttctaattgtc	ctacattttt	atgctcttat	cctgcagtta	caggataagt	180
caagatacac	ggtctacaaa	gaaattttgt	tctaatttta	taatagtaga	gatgggggtct	240
cactatgttg	cccaggctgg	tcttgaactc	cagggctcaa	gcaatccgcc	tgcctaggcc	300
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gcagagagat	atgctcttta	ttttgggggag	gtggcatggc	attatcaaaa	tagcatgggc	420
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aacagagtct	tgctgtgtac	ctatagtaca	tcaagattcc	atttctactt	tttttccttt	600
ttcactgnct	aaaagtttta	ataacntttt	aaataagatg	atggtatata	aaaagccant	660
tataggctac	taaatatttt	taattatttc	ttaagaaaaa	aatttaagct	aaaagaacca	720
aatgggatat	tttttttg					737

<210> 3581
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> n = A,T,C or G

<400> 3581

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tgcccagagc aggcattgct catccactag gcactttctc ctgccaaggc acctcttcct 120
gccaagtcag tgtctcacga tccctttcaa cacagccacg aggaagccat gatacatcaa 180
ctggcactgg caaataaaaat caaacctatt tgccatccca gtcttatccc actttgttgt 240
tttctctaag tagttggaaa acaacatgtc cagagaaaaa taccagaact tattctgagt 300
atgttcttca gagcaaacct ttagaatctt aatgatgttt agacactcag gaatgagtga 360
accagttgca ctgatagaat caaaacaata ctgcaaatat tagtcatgtt gcctattatg 420
aaatatatct gtgtgtgtgt atagatatga aaaaaaaact ctaaagtctg agttaaagag 480
ccctgccagg tatagttaaa tgctctctaa cctatnaaga attcaattcc atttggcacc 540
tccaaatctg gtatccagaa ggaagaccag agaagcagcc cccgatgcaa tttgcaagat 600
gtgttctctg ctgggggtgc cacacgttaa cagcagctta aaaaaaaaaa aannttnnnn 660
nnatnnntaa nnannntnnn tnnattnnaa ctnnnnnnnn ttcttncnnt ttncnant 718

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<210> 3582

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 3582

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cttggttgaga aggttgctat tttgtttatac catatcatgc aagataaccc acagttaccc 180
cgcctttatc tgagtggagt atttttcttt atcatgatgt acacagggtc caatgtgctt 240
cctgttgctc gatttttgaa atacacacat accaaacagg ctttcaagtc agaagagaca 300
aaaggacaag atatttttca gagaagtata cttgggcaca ttctacctga agcaatgggt 360
tgttacttag aaaattatga acctgaaaag ttttctgaga tttttctagg agaatttgat 420
actccagaag caatctggag tactcctggg ctggcaggcg aaccgactgc ggaggcgcta 480
cttggaactgg aggaaaagga ggctgcagga caagctggcg gcgacgcaga agaagctgga 540
cctggcctga gactctgcgc ctccgcccca ttctgtcccc ctcatggcca ccttgccatg 600
ttcgcgcggg accccgggtc cgncggcgcc cagaaccagg cttgccacac agtccccgnc 660
tgccatggcc ggntcttct ggaatgttgc ttgttggaana tgcatataga ctacccgga 720
a 721

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<210> 3583

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(723)

<223> n = A,T,C or G

<400> 3583

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cttgatgcta aggagcctgc tccttatgca tcaagaaaca cataaccagg tacagaaact 120
ctgcagagta ctcatgagt gcaggaggag ctgtaccaca agaaggaagg gctcagggaa 180
ggggacattgt ctactcact tgtagcttc caccgatggg atgtggcagt gctcatgaaa 240
ggatcttggg caagtgtcgc agcagaacag ccgtcccat ttgttgaca cctcacatat 300
atttgagttt tccggctaga aggggagatg tagacatcac cgggatcagt gagacccttg 360
gaccctagaa tatgtgacct ttttatgtat caagggcaca cttgtaaatt tctgtcctca 420
aaatattaaa gattgctgag tggagatctc agaagacatt ttggtctgcg gcaaagttca 480

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gtagatagtg	gctgtgtgtc	aggccagaaa	agttttcttt	atgaaaccag	agattctgac	540
atgatgacta	gtgacaaaaa	taggatgaat	tagagatttt	ttgagcaatt	tattaaacag	600
ctgggaaaac	ctggcccaga	aatagtgtct	tttctagctg	ctacatcgta	tnctttaaac	660
tgacttgnca	agggtgattt	actgagaatt	taatatgant	ggaataaaact	tctgagatat	720
cnc						723

<210> 3584
 <211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(717)
 <223> n = A,T,C or G

<400> 3584						
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gtccaggcca	ataatcagtt	ggttaagtga	aaaaagtgtt	taaagtgaag	aattataaag	120
aaagtcatta	tggatctcaa	acttttactt	taattgaaac	cataaaaaaca	tatattcact	180
caccaatgtt	ttatgcaggg	ttaatgcctt	ctctttaaaa	ttggacttct	gattggattt	240
ctacctcatt	tttcttatgt	aaacacttat	agttcacttt	tgatatttat	gggttttgat	300
ttttgaaaca	aagggaataa	gttaaaacat	atactgttca	gtaatgccac	ctaateccatg	360
cgggatatgt	cccaggaccc	ctagtggatg	cttgaaaacca	cagataccaa	acatgattac	420
tgtcagtcgg	aacatttttt	tttttttggg	gacagagtct	tgctctgttg	cccaggctgg	480
agtgcnnntc	nnnnnnntnn	ntnnnttnna	antantnntt	cnnnnntanc	cnnttaaan	540
tttcnnatnn	tttctnnnnn	ntnccccnnn	tcttattnat	ntnnnnntnn	cntntannnn	600
nnttttnnnn	ttcantnant	antctttttn	cacctnnnat	tnntcnnttn	tcnttttntt	660
nnnnntntnn	ntntntnttt	nnttnntntt	ntnnnntan	tnntntnnnn	ctcntnc	717

<210> 3585
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 3585						
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acgagatgcc	tgccagctga	gaggcagttg	gattccnttn	gcngagcagg	catttcagca	120
gattcagcag	tcagagtga	ccaagaaggg	tgcttttagt	tggagtttca	aaaggccata	180
ctgtaatagt	gaaccagaaa	tcaagcagcc	ctcagaaaaga	ctgaaacgca	tctacggatc	240
atctcaatct	gattgcataa	aggtgggttc	agatttatta	gtgcttttta	ctcgcctctc	300
caatttttca	tatataatgt	ccagcaccac	atcaaaaata	acccagcata	gatggagata	360
agacactatc	actaacacaa	tagaaataga	tccacaaaag	atttagatca	gggatcagca	420
cattttattat	ataaaaaggcc	agataataaa	tatgttatgc	tttggttggtc	acatacagtc	480
tcttgnatat	tctttttcta	tttttgntct	ataaccctct	aaatatataa	aaactattct	540
tagcttggag	atcactcaaa	cactttctct	ggcataatca	ganatatctt	caaactatgc	600
ttcaaatgtt	caagggaagt	aactgataag	attgaaaaat	tccanggaga	ngcacaanaa	660
gtcattanaa	aaaaaagccc	ctanaactat	agtggagtcn	tattaccgta	gatccccgaca	720
tggntaagat	ccattggttg	agttcg				746

<210> 3586

<211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (728)
 <223> n = A,T,C or G

<400> 3586
 aggggttgga ngaagccctt tgaattccnt cggacccatc gattcgaatt cggcacgagg 60
 ttctgagcag ttagtacgtg gcagttgtat tattagagga agcctgtcct gttttttttt 120
 aaataagctg atagagttag gattctttta atcaagactg tttgggattg aattgccact 180
 cctgcttacc agagtgtagg cagtttttct taaactttcc aagaagactg gtgtcctcat 240
 ctaaaatacg aaatgcttac agtaattgcc tcatgggggtt gtttgggggtg actaaatgta 300
 gtaggattta ctacatagta agttctcaat acattgtagc tattattatt agttcggtag 360
 aaagaatgtg cagattctta tgagtttaag taggctttcg gggagataga ttgactctgg 420
 tcttttaaaa gttaattttg aagttgcagt tttgtgatta agccttaaat ctgttattct 480
 ttctttctga aatccttaaa aacagaatgt ttagtagaag gtgataacca gatttcttta 540
 ttccaagaac tctttgctct catgtctaac ctttattttc ctgggtactta ctgatgccag 600
 aagcttctct tagtnaatat aatacatctc ctctctccta atttgctccc cgtctttcct 660
 tgtaaggga aagtaaattt actttccaag cctnanggtt atttatggat tangtgaacc 720
 actgaaat 728

<210> 3587
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (787)
 <223> n = A,T,C or G

<400> 3587
 ttttgaaacc ctttatacaa gctacttggt ctttatgccg gatcccatcg attcgaattc 60
 ggcacgaggg cagagtaagt acggtaattt ctgcacccga atgggtagtg ttgcctttga 120
 agtagtcacc ttgggaagat gtatgtttat tccagtgaag ctgaccttac acagaacatt 180
 cctagaaccc tcttttagaaa ctgtcaactt gtaagggtct tcagtgttgg taaatctttg 240
 tcttttaagg gtagatctat tttttgagga atgatttttt tttttaacag cttaaagagca 300
 ttagaaaaata agtctgctaa ataaaatggg tgaagcagct caggatgatc ttggtgggca 360
 ggaggagggg ttggataaaa cacaagggtc gactataaag ttgtgaggcc tcttgccctg 420
 catggcctca aaggtaatcc caaaggggaa ccctaagtgt tcttggcaca tgcaacatca 480
 agaaaataac tccaattatg ctaactcttg agtgcataatg ttctagtgtg tttgggttaa 540
 aagggtggctt tgttcatttt cagtcataat tctgataagc agaaatggaa aactccatct 600
 ctgtgatttc tcccaangga aagatctcat ctactgctta gagaattaaa atgaaaagca 660
 cttggtgtca tgtctacatt agcccccccc ccccccaaaa tgtgccaatg ggtaattcct 720
 ggatacctga gtcttncctg tttnggaaaa ntgggtnaag gaccctntaa aactatagtg 780
 agtcgta 787

<210> 3588
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (744)
 <223> n = A,T,C or G

<400> 3588
 tnnncttnat tnnnancnt tggntctttc tgcaggatcc catcgattcg ggagatttca 60
 acttaacttg accactgcac tccagcctgg gtgacagagc agacaagact gtgtctcaaa 120
 taaataagta agtaagtaag taaatatect gtaggtatct atgtgactca aggctagtca 180
 ctttctctatc tatgtctccag ttttctcata tttgagacaa gagacttgat tttagcataa 240
 aggtgagagt tgaagtaatg agtgtgaaag aggaaagggg gaaaacatac agagaagagc 300
 agaaaacaca agcagctggg aggcagagaa tgcagaaatt caagttagag ctgttggaag 360
 atgtggtagg ctgactaatg gtgccccaaa aatgtctaag tcctaattcc cagaacatgt 420
 aaatatgtta ccttacaggg taaaagagac tttggggata tgattaattt aaggatcttg 480
 agataaggag attagcctgg attatccagg tgagcccaat ataatcacia gcatcc at 540
 aagacaggca anagagcaga atcagaatag gagatgtgat gaaggaagca agagattgca 600
 gggattccag gaagggttctg tgagccaang aatgccaggt ggacccctng aagctgaaaa 660
 angcaaggaa aatggattct tcttctcann agcccttccn ctttaaggagc ccagcccttg 720
 ccagcaaatt tggccaactt cact 744

<210> 3589
 <211> 858
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (858)
 <223> n = A,T,C or G

<400> 3589
 tttaaanctt taaacaagct acttggttttt tntgccngta tcccatcgat tcgaattcgg 60
 cacgaggtag ttcctaggag tggttgcatt tgggaatgga attgttaaaa ctgatgctt 120
 aggagcgaat gcagactatt cattgggtgt ttgggggtggg ggaagggggg gtgggcanag 180
 gaggtatgca cnggagaggg gntctgngct nctcnnatta ttgcacaacc nctaaccatt 240
 gttctataac tgcataaaca natnataacn gggccttnctn ngatntatct taacgcttan 300
 nttttncnan atatanatgt aactaatcac tcncttttng taatnanctt tncctnntt 360
 ttgtaagaac gccnctcctc tgnnactgac ctttnttact tccccccct tgcncctng 420
 accttccctgn tntttctcac gtngatngtg gcanttnngg antaacatna atgntnaaag 480
 gentngnttc ttatntaaaa tttnnactc tccacnatnn nttingatn aaaaccnct 540
 nntntnncan aaaancgttt tntanttnn aannaccctt tttannattt tttnaacaan 600
 aancnttat tttnttnc catnctaacc ttttcaaaa nttnnggtta acccctttt 660
 ttatataaaa nctnnntnnn ttatnaanaa ttaannanta ttngtnaaa nnccttttna 720
 aaaataantt naaaangccc tnnttnnatg caannattnt naatntgttt anccccnccn 780
 tttnnencat nggnnttgct ctngcnttna ncaatntacc ttcattttta aaaaangncc 840
 canattnttt tnnnacct 858

<210> 3590
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (767)
 <223> n = A,T,C or G

<400> 3590

tgtggtnana	ngaactcttg	caatnccctt	tgcgntnncc	gcaggatccc	ancgatncca	60
attcggcacg	agggccacnc	cgctgtgan	gnatttnngt	nnctntttnn	tnnacctggc	120
atccctnnttc	cttccccncc	tngcnggcac	cgccnaggac	cgncggccgg	gggacgagcn	180
eggagcngcn	gccaggtaga	acnatanact	anatagcact	gaattaacct	gcactgaaag	240
ctgngnacct	gcatnatgtg	cactcatgan	gnangtgacc	ntgtcnnaag	tgcaagtgca	300
agtcacagaac	cnatctgctg	ntntnacngg	gagccaaana	ctgaacanga	accagtctnn	360
tcggtnacan	ncnangatga	ntatccctnn	tacnactanc	tcnctgccc	ttgaaaatgc	420
nggtngaccc	attcaaaaact	tatgntngac	ccatctncan	atatgacatg	caccagtgca	480
agntgnacaa	aagcatancc	cctctgtaga	actaaagcac	ctgtgcctna	aacttgtaaa	540
aaaacccaat	ggttttaaate	cggaaggac	ccttaacnca	tcnggantgc	cngtttaacn	600
antaanntac	catcatgaan	aaggaggtgn	catatnccac	cgnggggtann	ttgaccccaa	660
ttgccaaaatt	ncccnnttta	ctttatcaaa	gtnggnanct	ttntggngng	agggnaannt	720
atnttnantg	gcaaatgcna	naacnnccaa	aagntncnaa	aaaacnn		767

<210> 3591

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 3591

gntnttttta	accntaagga	ancctttgat	gcaggatccc	atcgattcga	attcggcacg	60
agggcaata	gccctaggag	tcccattttt	ttaagctgag	ggaaataatt	ttcaagaagc	120
ttgtcttact	agtagcatca	ttctttttta	ctggctcaca	gcttggaagg	ggtgatgggt	180
tttcctatga	aagctaacaa	catttgagca	gatccagtgt	gctggtgagt	cacagtgaaa	240
gtgtggagtg	ctaaggaagc	ctcctggtgg	aaatgtaagt	tcagagaagg	tctgcagaaa	300
atacaggggtg	aaatgttatc	aaggagccag	ggtattatct	aagaagagga	gggaggggaa	360
aaatanaaaa	tcaaatacac	taatagaagt	aaaattccct	attcagaaaa	actagtgagg	420
gctgagctcc	agtaatcaga	gagaagtcta	atcangtcac	tactgncatg	ggaggacata	480
gtcactctct	ctttcangag	cctatgaagc	ttgcgagagc	tcagctangg	aataaggggtg	540
gccaganaca	gcancattaa	ctggcacaaa	tctcaagggg	cctgtggggc	ctgaaaaaag	600
gaggatnaca	ggacatgctg	acagtaaatg	cttcattctg	tgccatacaa	ttttccactt	660
ncctgngnac	tttcctcaaa	tggatttact	taaacttttc	ccaaccttna	acagggttaac	720
ttgntccan	ct					732

<210> 3592

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3592

tnctntttta	tnccatcanc	tcttggtctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgagggttc	atgcagtaag	atgtgtgtgt	tatttgtaaa	tagaatggta	ttctatttca	120
aacttttaag	acaaacctgt	tgccgcaagg	ctgatgcaca	ttggatgatg	actgttttct	180
ggttccagat	cttgtctttg	tgatatagga	gttatggaat	gagccctgga	caggatccta	240
agatccgggt	ttgttcctac	ttctactcat	taatagcagt	ttgacattta	atataggaat	300

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aatgttaact tgtcacttaa aacaagattc tcttcattctt gttttcaaga tttcaagatt 360
cttttaaaaa ttagcatgaa gtatgggata atgattgggg aggaagtatt tttaaaaagc 420
cttccttgagt ttttatgcat attacatttt tattcaataa aaaattcccc attgttttat 480
tgaaatggat tagttgtcga tctcttgaat tagacatatt ctttaaaaaat aagatccggt 540
gtcagccatc taaaatgttt ttataaatcc atacttacat tcttttttgc cggttgcagt 600
cagccttttag tgccaagaga gaacattaca gcatggatga atgcaattgg tttgatcacc 660
actggcctcc aagtgagtta ataattgnga attggactta agngatgaaa aacaagccng 720
ctgttncctg tcaggctctc agaactatag tggaggccgn ttaccttnat nccgccttg 780
aatnaggaat nccctggngg agtttggaca aanccncaac tnn 823

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<210> 3593
<211> 1035
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1035)
<223> n = A,T,C or G

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<400> 3593
nnennntnat tccatcagct cttgtttcttt ttgcaggatc cctcgattcg aattcggcac 60
gagcaaagga ttgagagaga aaacttggtt ttattgaaaa ggcttgaggc cgtgaaacca 120
acagttggta tgaaacgttc agaacaactg atggactatc atcgcaatat gggctatctc 180
aactcatcac cattgtcaag acggggccaga tccactcttg gccaatatag cccattaaga 240
gcttccagga catccagtgc tacgagtggg ctcagttgta ggagtgagcg atcancggnt 300
ntcccttcnn nngcatcnta tntnaatacn tntccctntt ncnntngttc tgtntntttt 360
tatannnttc nnnccnntnt nnnccctctn tccctgtncn ntttgattnt tttantnttt 420
ntntttnnnc tenttntctt tenttttact atcnntatnt ctttctntnt ttctttnttt 480
ntantctctt tnnntccctt ncttcaentt ntantncttc gctnttttaa cnntntnttt 540
tattntntct tctngtaatn tttcttttat atntntntnt ttcannctnn ttaattcnnc 600
tctantnngt cctttcnta tntnattng nctannata nttctcnatan nttctcntnn 660
nnnctnnttn ctattntnn naattcnngt ntgtntcatn tcnctnctnc ttnctnntnn 720
ttttntntna tnttatnttt nntatctctn nctnncttn ntanatntta tctntntntc 780
nttctnctna taaactatac tnttnatctt nctcnntnt cntatctaat ctncantnta 840
ttantttctc tantntntca tacctcganc nannctctn acgntntntn nnatntnnnn 900
nnncttanna tnttcatnta anatattatn atantttatt tctnttctan ntntctcnnn 960
atanntnnet nnantctant tcnnttnntt ntatcntttt naangtattt ttttnanta 1020
tctantnnna tncec 1035

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<210> 3594
<211> 992
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(992)
<223> n = A,T,C or G

```

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<400> 3594
cggngangnc gtnaacggaa ncccgncnnt tgcggatccc togattcgaa ttcggcacga 60
ggaactagtc atgccaggna ctaaattttt gggggcagtg agggatctgg tgcagaanca 120
acctgatcaa tgggacagga cagggagtct caaaatagcc ataactgcat ataaacatct 180
agtatatggn taccacagta ttcaattcaa gggggcaaaa tagagacttt ttaataaatg 240
gtgttggagt aaattatagt tatttgntca aagagttata attttatgca ttccttacac 300

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ccatgcacta gatgatcctc caaatggatt aagactgaaa tgggaaaaga aaaaaanggg 360
gggaattccc tatatcatct gggncctaagg gaaaaaatTT tttccaacct atggacccaa 420
gttccccacat ggtaacctgg aaaaaattaa aaaaaccng gacctntcc tctcntaat 480
aataatatta ataantnnnn aaccttttcc aatggggcca aaaaaaata aaatccccaa 540
tttaaatgga aggggnaaac caattaaaaa aaagggaacc caaaaattaa aattaaaaan 600
ccanggggaa aaaaaaaat aatttgggga ngggaataat taattaattn aaccaaaaaa 660
cctnccccag gaaaattcca ttaaaaagga accattcctt naaaaaataa tgggaggaaa 720
aaaaaaaatg ggaaaaaaag gccaccaag aaaaaaatTT ncgcaaaaaa aaggnatgga 780
cctgggacaa cctcaaaaaa gggtattaaa aaaaatcccc ttaaaaaatat gtaaaagggg 840
ttnaacctca cacatactag ggaaaaatta aaataaaaaat tattccggag aaaaaagcca 900
cccatcagaa tngacaaaaa agnccnaaag cctnnggacaa nagacccttt tggccaaggc 960
tggccaggan gggaaaaaaa aaaaacnccc ct 992

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<210> 3595

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (812)

<223> n = A,T,C or G

<400> 3595

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nnennnttta attncaatca agctacttgt tctttttgca ggatcccatc gattcgaatt 60
cggcagcagc ttcttttcat tttctttaa ctaattttct acaattttca tttttgtcct 120
gagacttgaa gggaaaagtaa gttttaatct agaccatatt atttagttac atctaactct 180
tctagacaaa agacagtctg gagagtactc tttagttcta tttattaatt ttgtctctag 240
attgagccag atttcccat gcatagctgg cattttattg gcctctgcag aattgctttt 300
tctggattgg actttggtaa tccatatgaa aatctctatg aaatttaatt gctcgccagg 360
tgtgggtggc cacacttgta atcccagcac tttgggaggc tgagggtggc ggatcaccag 420
aggtcagggg ttcgggacca gcctggccaa catggtgaaa ccccgtttct ccccgaaaaa 480
tacaaaaatt agctggcat gagggcacac actgtagtcc cagctactca ggaggctgag 540
ggggaagaat tgcttgaacc caggagatgg aggttgcaat gagtgaagat cgtgccactg 600
catccagcct gagcaacaga gtgagatctt gtctcangaa aaaaaataat ttaattgctg 660
tggatctgta aanggtgttt atcgtaacag ttcataatat tctatttnaa natgcgtggg 720
agaaattttt tntggancca gttatgcctt tntcgggaatg ntgggtgggt ttaccttaag 780
gccactnaat ttcagctgat ggtttttctg gt 812

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<210> 3596

<211> 830

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (830)

<223> n = A,T,C or G

<400> 3596

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nnennnttta atancaaa nctacttggt ctttttgca gatcccatcg attcgaattc 60
ggcagcagct tctccaggc attataatat taggttaatt tagaggagca tatttatatg 120
tggagttaca ttgtgttggc cattcaggag actgactgtg aaagaatcca aactttatat 180
ttctgccttg ccagtttttt tttccttttc ttaactccat ttgagacact cttgacctaa 240
tccagtaaac tctaattaat agtcttggtt aattctgttt caagccatcc tgagtagcgt 300
cactgacacc cgatctgttt cagtaaggct aaattagcat cctttactat ttttctggca 360

```

tttaaatgaa	tgacttttgc	atgggtttttc	aagtgtttat	agtaaataatg	tccattttgat	420
ggaaatataa	atatgcatta	agtgttaagt	gctaggcaca	ccttgctgtc	acttttttatg	480
gtaatcaagt	gtcttttact	ttctgttggt	tttaaatagg	accagctgac	aacgccacat	540
taaaaccaca	gggactcaaa	agataactcc	cccacccct	cacccggcac	tgctttttatc	600
ttgcaaaagt	attcatgttt	ttctcttagt	atgccaat	cacccgttct	ctgacatttn	660
cacttatgta	ctcatgggaa	ggaatgaatg	ggttactcaa	actgggacca	ttgaatttgg	720
ggacacctgg	tggactccac	tggccttaag	anctacangg	ttanttggaa	acagtggggc	780
accgtgggtt	gacttggcct	ttnttttgc	agnnggtttt	gggccttgan		830

<210> 3597
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (820)
 <223> n = A,T,C or G

<400> 3597	
nncnntttta	attccatata
gcacgagaga	aactacttct
agtcccactt	taaattatgt
tatctgctta	gaaatatcat
ctaaatggat	ggccacaaga
tctgtcatgt	gatactggaa
tatatatata	tacatatata
tgccccatgt	cattttcaga
ggaaaatata	tcaatgtaag
ttggactgtc	tcaatcgaa
tccatagaga	agaaaatcag
gtctgtttgg	cccattgata
ttggttaccc	ttctcaatg
tgctcttgnc	tttctntgnt
ttttcactac	tttcacattg
tttttgcagg	atccccatga
ctggagtcctg	aagatacttg
tgaaagtggga	atcttctgag
gggaccttct	taatacactg
aaatgtctta	aataatttaa
ttttcatggt	tatatatata
aacatgaaat	atatatatat
atgctgatac	agcaccatga
agcaccatga	aagaactcaa
ttagacccag	tggtctgagg
ctgttatcaa	gaacatgaac
gcataccagg	cagtattaaa
gngtctctct	tctgggtatg
attttacaag	ccaattggng
tttcacattg	

<210> 3598
 <211> 856
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (856)
 <223> n = A,T,C or G

<400> 3598	
gnnnnntttta	nttccaatac
ggcacgagga	tagaataacc
tggtgaagaag	tctgagctac
catttaaaga	aagaacagaa
gaggcagaga	aaataaagat
tattgattac	ttttcttctt
agccactatt	tctccagcat
gccagggtatt	gcctttttct
agaatctact	aatgaatatt
gtaggtacag	aagaaatagt
anctcttggt	ctttttgcag
gtcttataga	taaaatctag
ttatcagcaa	catatatgtt
atctactgat	tggtgaaaat
gtcttatttt	caagtggatt
gcaagatttg	tgaatgggag
ctcataagcc	tggagagatg
ttagcagttt	tgctctcagg
tactgcatac	actcagttta
ggttgaccacc	ggaactctga
aaacacagtt	tatcttcang
gattncatgc	cnggagaaaa

```

acataaaaaag aacatgttcc ctacnaaaaaa aatTTTTTTTT taattacctt gggcatngng 660
ggtgcaccac tgtagtcctt agcttacntn gggangcttg aaacaaggaa ggctcgcntt 720
gagcctcaaa aggataagtc cctaacttcc tcaagggaagg cttccggngg aanctatgaa 780
tcatgcctnc aancctgggg caacaagtgg agaatttttg cttnttttaa anaaaaannn 840
nnnnnnnaaaa ctcggg 856

```

```

<210> 3599
<211> 800
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(800)
<223> n = A,T,C or G

```

```

<400> 3599
tttaacnctt tttanancct cttgatcttt tgcaggatcc catcgattcg aattcggcac 60
gaggaagaaa gcagatgcca ttttatctat tngcacatca ggactgacag acatgaaaaa 120
attggccaag tgggcagcag agtccaagct cgacccaaat gaccccaaca atgccctttt 180
gatgcagctt atctcggttg ctaccagnng tgaatcctat gtccctgatt tctttagact 240
ggagcagctg caacaggagt ttaactttgt ttcagatcaa gaattaaata gatccaaacg 300
atthaggtt cttcatctta gaagccaaga ggtgccagaa ttccgaaatt ataagcaagt 360
tccagtctat gaccgagaaa ttatggaaaa ggtattccag gactatgaga aacgggttacg 420
agacagaaat gtaatagaaa ccaaggaaaca catagacacc catagggcca tagtagccaa 480
gtacctncag caggtagtag aatcagnngt aaatcgtttc ttaattgcaa aacaatatTT 540
tntttttggc tgntatggat agnagaagaa gaagttccca atttcancat tttgggncta 600
agccttttca agctngccan aacaaaanncn gaccactgng gncaaggnga aaaaggnggg 660
nangaangtg ancnncccca aancctngnn tnnnnggaga cntaaaaannt ggctnnngaa 720
nattngnnnn nancttacna cnttccaann gnnnggaaanc nnnnnntnnn nnaannncaa 780
nnnccnnnnn ggnttttnng 800

```

```

<210> 3600
<211> 784
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(784)
<223> n = A,T,C or G

```

```

<400> 3600
tnaacccttt aacaagctat tgttcttttg cagcatccct cgattcnaat tcggcacgag 60
gcgggcgcga ccggaggcng tttccgttac tatggcaatg acggcagggg ctacaacaac 120
ctttcctatg agcaaccata cccgggaaaag agtgactgta gccaaagctca cattggagaa 180
tttttatagc acctaatTTT acagcatgaa gagagagaaa ccaggcagaa gaaattagaa 240
gtggccatgg aagaagaagg attagcagat gaagagaaaa agttacgtcg atcacaacac 300
gctcgcaaaag aaacagagtt cttacggctc aaaaggacca gacttggtt ggatgacttt 360
gagtctctga aagttatagg aagaggagct tttggagagg tgcggttggt ccagaagaaa 420
gatacaggcc atatctatgc aatgaagata ttgagaaagt ctgatatgct tgaaaaagag 480
caggtggccc atatccgagc agaaagagat attttggtag aagcagatgg tgcctgggtg 540
gtgaagatgt ttacagttt tcaggataag aggaatcttt atctaatac ggaatttctc 600
cctggagggtg acatgatgac attgctaagt aagaaaagaca ccttgacaga agangaaaca 660
cagttcttca tttcagagac tgttcttggc cattagatgc cgatcccca gntgggtttc 720
attcctncng gatattnagc ccgacaaccc tttntttggg ttgccaagg gtcagtataa 780

```

attn

784

<210> 3601
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3601

gnaacctana	aacagctatt	gaacttgtn	cacgatccca	tcgattcgaa	ttcggcacga	60
gannaaaggt	gtgagccacn	gcgcccggnn	tanntaagaa	nnatnantnn	gnncttgeng	120
nanaacatct	gtntnnncaa	cttantacna	acaaatatna	nnattaaacn	cttcactttg	180
ncttnnnaac	tgntcnaaac	actgncactt	tggtctnaaa	actgctccca	caatntngct	240
agcatttttg	gngattcaac	attcatgtca	aaccaccaca	ctagggctcc	ccagtttctt	300
nattnactca	ttggtgcatg	cacanatttt	ggtatgatct	atctcagccg	gtcctactcc	360
ttngggggatt	ccctacacct	ccaaaatttt	gaattataag	cntttttctc	cnaganctcc	420
ctcattnttt	tacttatctt	aatcattctc	ntccaacanc	acttnatnta	ctttgggaat	480
gccaaangaat	ccgatntctt	nttcactctg	cattacctct	ntgcttctct	tntctttctt	540
tggtgtttat	ngacccagtt	tagaggatgc	agagtntctn	aatataatca	ctactttgaa	600
aacatcctca	gctgttttgc	tcctnttgac	tttgcttggc	aaaactcagn	cntggctaaa	660
acttntggcc	atttgacact	gcctcaaaca	ctggngctgg	ctacaaacaa	ntgctaccag	720
catngactgg	ntccacttng	naattcggac	cncacctcat	gtaggnnctc	ac	772

<210> 3602
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 3602

ctaanncnngn	gnngctcgna	ctngccgaac	naaanaggct	nnggcgcctc	tgtagnaatt	60
ggctttccgt	ttgcatatct	aaatgaactt	tgtggctttt	gttaagtata	ataaaaagca	120
tgagtgcaaa	tataagccaa	gagtattaca	gagactttta	ggctgactca	gtatctcaag	180
ttctgtgtag	attcatctaa	acactgctgt	tatccatgct	atactttacc	atgttatccc	240
aaaaggggaat	catcagcaaa	ttttaccaga	aactgctgaa	ttcaagatat	attcaatata	300
tattatactt	ctgacatcct	aggaagccta	tccaaagaat	acattacttt	gatagaattt	360
gttcttttatg	aaaattcatt	ttgactctca	ttgataactt	tattccattt	tgggggagga	420
ctgaggagtc	agtgggatgg	gaacagagct	aactacaaag	tctttgagtt	tagatgggca	480
gcagaagggg	aaaggaagta	ggcctgggga	tatataagga	cttttccaat	ggaaaacaat	540
tgtcagtggg	acctctatga	ctacttgctc	aatttcagaa	ttaaacttcc	tgtatatctt	600
aggtggaatc	aagctgagtt	ctagtcaaaa	tgctcgcatt	atttcccatg	aaaaatcccc	660
caaacaccaa	gcagacagaa	cagtgggtga	taaaccctac	atattccatt	tctgaagaaa	720
atcatcaagc	cccaaattct	gttttagaaa	atttctcaag	aactaattct	n	771

<210> 3603
 <211> 732
 <212> DNA
 <213> Homo sapiens

1060

<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

<400> 3603

tgnnnnttga	ttnnngcnnt	tgtctttctg	caggatccca	tcgattcgaa	ttcggcacga	60
ggtttctttt	tttcagagtt	ttgctgctaa	gaaatatctc	ctcaacattt	gacttcatng	120
tggccaataa	tggctctctga	attgattcag	acattcacac	agcttgaaga	agatctaaaa	180
gatgaagatg	agtcattgag	aagcaccaac	aaagtaaaca	gaacgaaagt	ttcagtcctg	240
gatgcaaagt	gaccctcagt	gggggagata	ccccagagtg	aactcatctt	gtatttatca	300
gcttgcaaatt	tcttggacac	agcgctttct	tttccacctg	acaagatgcc	attatttcaa	360
atttataggt	gggcatttat	tccagaagtg	gacacagagg	gccctgcctt	cctgtcggat	420
gtagaggaga	atcaccaaga	atgcaaacc	cacactgtca	ggattctaga	acttctaaaa	480
ttaaagtttg	gggaaatcag	tagctctgat	gagatcacca	tgaagagtga	attcccgtt	540
ctgcgcccaac	attctgtttc	cagcatcagg	cagttgatgc	cattcttcat	gactctaaat	600
ggtgcattta	agaccagag	acagctgcct	gctgatagcc	caggaaactcc	attcttggac	660
tttctgtcc	agatgccaa	ggatcttaaa	acaactggga	agaatgcac	gnaatatgaa	720
tttctggaac	cn					732

<210> 3604
 <211> 858
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(858)
 <223> n = A,T,C or G

<400> 3604

ttntttttaat	ttttnaatnc	ttgctctttt	attccgnagg	atcccatcga	ttcgaattcg	60
gcacgagggg	agcacaggcc	tgcccttgca	cccatgctgt	acagtgcggt	tactagactt	120
gtggccgttg	ttgtgctgtc	ttctcattag	catgcaatat	tcacttgact	gaattccttt	180
ttagctaaga	gaaatattac	agggcatgat	catttttaggt	tattaagggt	tctaactcaa	240
tatgtaaaact	gctgaaaaga	attatatgtt	tntatcagat	aatctcaaca	tttcaaaaga	300
caacacattc	agactacttc	ccttttcccc	caacttttat	ctaattgctg	naacccccat	360
gactagctgnc	cnaaaanangn	gttttagttna	aatttnnagtc	acccgtggat	nacaaaangca	420
acccctggatt	cccaatcctg	cttgtggggg	ggtttntnng	gccaaatnga	nttaattttc	480
ttgggcaana	aannttttnc	ttcttaccat	taccnggaac	cccantantt	gccccaaactt	540
ttgggnaaatt	ttttttaagg	aaaaaaaaacc	tggaaatngg	gggttaaatt	cttggnaaaaa	600
ntntnttttt	tttaaaaaaac	ttncctttt	atttttaaaaa	aaaccccccn	tttaaacctn	660
gggggntcct	tttncctttt	tggaccttaa	nttaaagtga	anngatattg	ggaacccaat	720
anantnaata	nnantatnnn	aanaanaana	ttnattnatn	ttntancnaa	ntaaaaaaa	780
aacccctttt	naacnttttg	gngggggcctg	ttcccnnaaa	cccnanctta	tnanaannnt	840
tnttaatttn	ggcaanct					858

<210> 3605
 <211> 1718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1718)
 <223> n = A,T,C or G

<400> 3605

```

netctaaaaa tatctttttt nattataaaa ctttcnaaag tcttatngga cnttngggna      60
actccttaaa aaacntccnt naaaaaataaa ggnaggntct ttnnttgggg nectcccaaa      120
nantttcnaa tactctaaact gctcanenca cnctcnacca tcactcaaca tntatntctn      180
tacacattnt atctcncana cnnantacna ctctnattac tctnctatat atntacnaaa      240
ctactntect natnntactc tataccnata ctctctctat cntctatctn tntcatactt      300
anagnngncn natatcacta tactanatca ctctnnnctc atacaccant ntncntatn      360
tatntentca natctcattn nttatntnac natannctac acnncnntnac atctaacata      420
nntnnataac natctcannt tatctnnntt ncaanncten nntatcactn cnattcattn      480
aannaectan accnccnntc annnnnnnaca ncnncacntt anctnntctc cctannctna      540
ccctcncata catattnnnt annncnccnat ccttacntna caantntcat cctancnct      600
tonactntca ttctccnttn ccttnatnac ccaactcnca ntcacaaanac nctcncac      660
cactcttntc antacncaac ctattcatnc nncatnatan tntntanntc ncatacacna      720
ccccatncta tnatcaancn ntcantcctt cntttntaat catnnanccn nctcnnctcc      780
tatnatgnnc tctgccccta nnttatcctc ttcacnacaa cncnactctn nctnccanac      840
natcntnata nacncantnt cactntattc taacatnant nnanaccacn tactccatan      900
tcnntctaac ataactnnatt aanaatanat tactnctcnt atntccctnct atctcnatca      960
ctctccnncn ctcatfacac atctcttata atctnccnat ncnatntct ntcctctctt      1020
ntatentctc tatnnnactc tctatcnca tntatcnaa cattactntn tntatanatn      1080
acactctcnc atcctcata ncaactatntc ncttnttata tatntanatt atcatcgtat      1140
acntcncnac tctcnatcac tcatnatact atanactnta tncncatatt cacanacana      1200
cetntcatnt ntcacacten ctntnntana ctatntcnca ctctccacan ctctcatatc      1260
tctatacctc nctactctnt ntntnctntn tnatctctt ncatntntn ctctatctt      1320
tcnntcatat ncgntntcan atntnacnat catctctncc atctntctct ngctntnat      1380
tncttccacn atctctcttc anntttacac acacntacat tctatnttct ctctatcttc      1440
tnctctnacc tntctcncn anacnacata tcttatatcn nncatntcat nacnntact      1500
atcatacnca tantacacca tatntntnca tctctctncc antnccntat ctctatacnc      1560
tctatatcnc ntthcatata tanttacnac atnnctatan attcntatat ctctaccata      1620
tactntcttc tactctatca ngtaantatn ctaanntatt atttatctnc ncantctctc      1680
tcacncaen ctctatcnca tcntntctcc tctatccn      1718

```

<210> 3606

<211> 1015

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1015)

<223> n = A,T,C or G

<400> 3606

```

gggggntttt aaannttntg ggcttggttg gttgcaggat ccttcgatt cgaattcggn      60
acgagactgg actaatatca ttttaaataa tattgctntt tagcttcaaa agacagagcc      120
tccagcatat tattattatt atagtaatct gattcttttag caattcagag aactcacctc      180
attagtgtct ccttgctcta tctgggcttg tgggaaaata ccttgcatc tttctatggg      240
natggnccac ngganencca tctgncctta acatttttga agnattggac ttttnaagga      300
agcngnacnc aattcccntg gtnentnena ttctagaanc cegnaancgt tcccngncn      360
anttaaaggg gaantntcc ccccttgntt gtttgcncn cccngtttt ttacagnngg      420
gccggttttt aaaaaagana ngtgntntt ntnaaaaaa ttannatann nntcnntttt      480
nggggccatn ncccttntng ncnnnnnngg tgtatgnaag aaccnnannn atnantntta      540
ntnnnnntt ttnanttttc ccaegnctn tntttneaat tatenantct cnggtaactn      600
gggcctcnat cncaantnta nataccccct nnnntgcgnc ncnananatn atgnnnncn      660
ctataantnn ggantgttgg nnncnnaana natntntan tnatangtan tgnnnntctn      720
nnnctatac ccnctgtngn ttgtgcanen ctcgngtaen ctnnnnacan natnngntat      780
aatanntngt ctcenntag ntgntntana gtgacnntcc ttntttaang naccatctnt      840

```

```

cggnnanegt nactaacctn antttanctn ctententat naaancgtna cccccgctnt 900
gnaatggngg gaatngnatn nnnaaagtnnc ntnacaangt nnggtcttan ngtnatgcctt 960
cnctcgatn tntannttgc gnnacannng gtgnnnaann taaaggnnccg cgcen 1015

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```

<210> 3607
<211> 740
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (740)
<223> n = A,T,C or G

```

```

<400> 3607
tggnnttttna aatttttnat gcgttggttt tgccgatttna tcgattcnaa ttcggcacga 60
gcctagttagg ccatacagact ttcagcaact tttatcatcc agatagtcac caaatgaaat 120
aaaatagaaa aatcccttga gcaatgaaac aattgtgaat gaacacaaag tccatgaatt 180
taatccttat ccgtttgctg agccaagcat gtgcactctgc agtgggtggc ccaggctggc 240
agcacagata ccaccatttc ctttttcttt gctcagggca tggcctgttt atctcgttgc 300
accagatgan ggggttgaag gatgatgggtg gtgggtgttt cagatctact gacagcaatg 360
agaaatcaat gacagttgac aggaagagag gaccntcca caggcaaaaag aggaatgccc 420
agcaatcttg gtccttgcn gcaatactg gccttgagga caagtcagca ggggattcgt 480
aagtcactaa cttctaactg aggcaggga agtaccatgt tctggaaaan gtnccaagaa 540
acnnggaatn gangcagtgt ancaagaagc agattttggt gcccaataga tttgaatcct 600
ggttctgctt ctttctttgt agagtatgat attgggtctt ttctnccaa agctnttntt 660
aaagacttaa tatgtncncc aaatcttttn ggatgtctga cttttnaatg cttnacaata 720
ggnatttgct ggnattatta 740

```

```

<210> 3608
<211> 763
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (763)
<223> n = A,T,C or G

```

```

<400> 3608
tnttcnaant tccnngctct tgtcttttgc aggatctctc gattcgaatt cggcacgagc 60
ttggaggctg tttccagcta gagaaagacc tgcttatttc tcaactgaata aggttccaac 120
aggctgccaa atcctgtgta tgctgttacc caaatggaag gaggctcttt cctcaattca 180
taaaaaagac aaagacagt gtagggatca gctattatgt cagtacatga aaggaacccc 240
ctatctcaat caaatggta aaggaagctt gtctcaaata acagcaaaga aactcagttt 300
accagactat aaaagttctt tggtaagaa gataaagagc tctncagaat aagaatacct 360
atacatgtat ggatgtgttg aaagtcgaca aaatgtgtnc aagcaagttg aattctggaa 420
actttgagtt tagcaaata gagggtgaaga aggctgttac cgtatttgag gaaccagatc 480
ttgaagggtt catattccat aataagtata atatgaatat taattttgna atagaacagt 540
ttctacctgt ataaaaagga agccttaag agatngaagt tagagattta ctcatanggg 600
ggatgattgg taactactta cttatttccg gaatntcaaa agaccctant ggaatngggg 660
gattntangg ggaaaaaaat ngacctctt tctcaaagat gaaactgnaa atttttttac 720
cttaagaccn ttgnaanaat ggaaattacc tttttaacct tgg 763

```

```

<210> 3609
<211> 730

```

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 3609

cgtnttcaaa	ttttnaactc	ttgtcttttg	caggatccct	cgattcggtg	gtgtgtaa	60
aaaacttttag	aaaggtcta	ttgaactttg	gacaggcaag	ctccatgagc	tctccctcac	120
tctttgaggc	aggttaaagg	gtacggccat	gaccaccacc	ttaatccttc	agggactatt	180
tacaaaagat	tgaaaaatgt	gcccagggcc	cgtacctgcc	cctctgtgga	actagcccaa	240
ctcaagtggg	ctggcaggca	agcctggctt	tcatggggac	agaagagaga	gtttgcgggg	300
agcttggcat	ttttcaacac	atgctttttg	gcttctccta	ctgnattgna	atttccatga	360
tatttggttg	gaaaaatgga	caccgggnet	cttttgettt	ttgnctgctg	cttttcagct	420
attggggatt	ctgcgccttg	ggataatgaa	gcangctgtc	atttncctcc	cctaaataat	480
gcattacaaa	gtggaaatgc	aaatttctctg	tgcaagctct	aaataccagg	tggtatttcc	540
ttaatatatt	gnttttgacc	tttggggaaa	ttggtattac	nagctgactt	tggaaattaa	600
aatacatcaa	ggncctcatt	ttaaataaaa	caatcgatat	cttaattttt	aaatcagact	660
ngattcnatt	ccnggaaaag	acatncatat	ttgcttttatg	nggtnaaagt	ttggaattca	720
ggaggacaat						730

<210> 3610
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

<400> 3610

ntttgaaatt	tcgntantnc	ttttnttttt	gcaggattca	tcgattcgaa	ttcggcacga	60
gatacgatgg	ggtgcttggt	ggatgggcca	tggaggtccg	tgagctggaa	ctgggcacac	120
gccatcccag	agggctcagg	atgccccagg	aaggaaagaa	gggcaacaga	ctacacgatt	180
ggacgtgtgt	ggttgactgg	gatgaagtgt	gagggagggg	cagggccttg	caggggattg	240
gtactgatcc	cagggaggaa	agtgttgggg	cttcatgaac	tangatgaaa	ggagcccctg	300
accatgacaa	ggggcacatc	caggatttnc	gccaccctga	atttagtaga	nctaatangc	360
cctggttggt	actnttgggc	aaggaatgcc	gtnaaccttt	ganggtncgc	acccacttgt	420
gtgttgccct	cttgtntctgn	cggggaaaca	tnacccctt	gtcttaacca	ccaaactttg	480
cttgtgtntt	cancaanggt	tgncctttcc	caangactta	ctgnatgtac	ccngacccta	540
agccttgccct	ttcacatatt	nggagctttt	ggattcatnt	gactttgacc	ccntctgctn	600
tcacttgngg	cctgaactgt	tgatcaatgt	tggcanaatn	aaccnccttn	tnnanctaaa	660
gctactttac	catccatata	atgggattna	aaaaaaaaaa	aaaaat		706

<210> 3611
 <211> 885
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(885)
 <223> n = A,T,C or G

```

<400> 3611
ttnttcnaan tttcgganhn ctctttctat tgcaggattt natcgteett aatttcggca      60
cgaggcaagc tggagagctg cagaggctgg tagcgtggct cagtccaagc acagaggcct      120
cntnaccatg gaagctgatg gtataactca gtctgaggat gaaggcttca gaacctgggg      180
gactacaggt gcaagttctg gagaccgaat gctggagaac cttgagttct gatgtccaag      240
agaaggagaa aaaggacttc ccagctccag aagagggaaa aagcaaattt ggctttcctc      300
tgtcttcttg ntctatctgg gtctctctgct gantggatgg tccccaaaac ttttgggtga      360
aggtaggggt ttcttaccct gntcatggat tcaaagtcca atctcttttt ggaaacactt      420
tttcagnac atacccctt naaataaaaa tnttttance ttgtatcttc tnttaaaaa      480
ntaataaaaa aatttttaat attnntatnt tncnntnttn nnnnnccntg ttnaanntnt      540
attttntntn annagactnaa ntcnntacnn tnnctcttcn ntannatnna antntcnant      600
tnancttnna nttnatcttt tntannntan ntanatcnnt tntannntc tnnatantna      660
ctatnntctt tgtttantnt cacanttatc tnnctctctn nntatgtnt aattctactn      720
tnnntattta aaatgtcnat ntntatctnt nanaccatnt tnnncanan tntttatcta      780
nttctananc ctttatnntn ttntctttat tnnntgtctt gtntntatcn atttntttat      840
ntnncnntan tntntantt nttannattn antananntn tncn      885

```

<210> 3612

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

```

<400> 3612
gnnnttttaa atccagctct tgtcttttgc ggaccctcgt tcgaattcgg cagcagaatt      60
gataataatt agacaaactg aactaaattt ttttaacaga tacctgagtg ccaagcttaa      120
cagatacctg agtgccaagc ataataaaca ggaaatatac acttcaaaaa agaaaaagaa      180
aatgaatgc atacttatca aatacttgct gtaagagcat taagtacttt acataagtca      240
aatcatttaa tctcatgac cctaagaagt tatttttaaag atcttttgag aatgagaaaa      300
aaggatgagt aagggtaggat gatctatgta aaacaaataa attctagtna ctggcaaagc      360
tgagatttga cctaaatcaa tctgccagaa gttctgagtt attttccatg tgccctcacat      420
agcagaaagg gagatggcat aagcacatnt caggcctaga ggtaacatat actctggcaa      480
aagcntaaaa ggtctatgaa attttacagc aaggaaaggc tatttctaac agggaggact      540
cagaggaaag gaagccaccn tttaaagttt gggtagctgg aatnaatttc ttaagacntt      600
tccccagatn ggaggaccgc gggaaagaaa gaaanccttc ccaggaaggg ccaancngg      660
agccatggtg gtcaatggtg gtggtttaan gggcngaaa aaaattnggt ggggaaaccc      720
cnacccccag gncngggaa aaaaaannnn nnannnnnnn nnnnnnnnnn nnnnnnnnnn      780
nnanaaaanc etc      793

```

<210> 3613

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(870)

<223> n = A,T,C or G

```

<400> 3613
ntttnnnnnn tttagnnggc cnttgcnntn gntctttctg caggatccct cgattcgaat      60
tcggcacgag caacagtcce aaccagtcga attagaccca tttggtgctg ctcentttcc      120

```

ttctaaacag	tagatacttc	tgatggatcc	tgggcattaa	ctcctgtttc	aaaaaagtgt	180
gaacagtttt	atgaatttga	aagaaaatct	gggtagctct	ttatagcatt	cattctttaa	240
gatcagttcc	gaatanggtg	attctaaata	aacccaatng	agaatgaag	tatctctaca	300
gggtagtaac	ttggattcct	cttcagggag	aaaaaggag	ccttaaattt	gcaagcctct	360
taacctaaag	gggtttcttg	gntnccctng	cttttccaac	ccccnnaaa	tggcnaagtt	420
gttgggggcc	cttttcccat	tgtnnaaaag	cccccttgg	ggacctttt	ttaangggng	480
gngttanncc	cncntttnt	aaaagggncc	ccntnggaaa	ccgggtggan	ttttttggat	540
attcncnaaa	agnggcaatt	tttttatttg	ngcnnnttcc	cccttcaaaa	anttangggg	600
gnaattttct	accataccnc	ttaagtttnc	acccttngng	aaaatttttt	ttttaaangg	660
gccccntttt	taaaatttcc	cagacaaggt	taaaaaccna	tnttanttat	tntttnaaag	720
ccnttttnaa	aaggtattat	ttttngnnaa	agggcnntaa	anttttnagt	ccttannccc	780
tttttttenc	aaaanctanc	cnnnaattaa	cgcnttttt	ggggcctaaa	anaactnggn	840
cattttttta	aanaaaagg	ccntnttaat				870

<210> 3614

<211> 1046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (1046)

<223> n = A,T,C or G

<400> 3614

ggcggttcct	ccgnggaaaa	accccttttn	gggaaattcg	gggtagnnga	aaacnctttg	60
gggnaaacct	ccgncgcnaa	aaangcgcng	agnnnnngng	aacgngnnc	cacnngcann	120
nnnnntnngn	ggancccnng	gnacgggttt	ncnccttttn	nanegngacn	ngngggcacg	180
ggggancngn	gcacnagnan	canaangcac	ggagccggcc	nnaangngan	agtaannenc	240
ctaangaang	tagangannn	aaacatggnt	ncnccacaag	gcangagcag	caccttgggg	300
ctgctggnaa	gcccnnnatn	atgggggncn	ncttggacna	ngtncnggca	naaagggggc	360
gggggcatnc	naancnnnc	ccctcnnat	nngcaancnn	cnnancgggg	naacccaacc	420
agngcgaaat	anccancggn	gccntnaatg	cgcnaaacca	nggggcanca	cggagggncc	480
tnngcgcggn	nacaaggcnc	acccctngna	cacgngngng	gggnacnnc	cncnccanacg	540
agcnggcanc	gnancccnnc	ncatnanggg	acccctacnn	nnnnngggcg	nnannntnng	600
cgnggggggc	acantaccan	nanacaccgc	gngcganaca	nnctttccaa	accacgggacg	660
aaannaccnc	gggagnatan	taanaccnac	nnccaaanng	gnncangcac	aatcggaac	720
ccntgggnnn	ntncntnang	ggagcccggg	nnccccacc	cagnntccnn	gananncaat	780
gnnncncnnt	cnannaccnc	nccnttaanc	cnggggcnc	gngggnaang	gnngangccc	840
ccnnnacggg	ggncnttana	gnccctaaan	antnaccnnc	ngnntncaca	aacnncana	900
agnggcnann	nccctcgggn	ganncaaaag	nnccgcancc	cnnnnancnc	cnnnangntc	960
ntcngnncnc	nccacnnggn	cntccgcnc	gggagnncan	nggnnnnccc	ctnctctncc	1020
naaaagcngn	gcntcnnnca	accnc				1046

<210> 3615

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (743)

<223> n = A,T,C or G

<400> 3615

agggtgctc	ttgttctttt	tcgaggatcc	categattcg	aattcggcac	gagaaaagga	60
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gccagaactt gatgattttg aaaatttctca gccttttctgg ttggcagagg gtgatgaaat 120
tgagacacgg caaagatcaa ttcaagagcc actccgggga gaatggcggt cttaaagataa 180
agccaagact gtgccttttaa agcctgctgt taagacctga naaggtagtg ccttagcatc 240
ctcttcagtc acaactcaagg cctctccgtc aaacaatagg gcttctacct ttttagcagg 300
agcccaaggt agaggtanaa gagttcctct tggagagatc tatgggtata gcttttgnct 360
attgcngtga gatatgcnnn aaatccactg tagctaggac tgacnngaaa agaacngtnc 420
naaatgaaaa gagctgtcgg cacccttagc attctgctgg caggaaccag ctgagaaagt 480
gctcangact acacatgccc ctttcatcaa aagggaagaa tgactcanaa gttggaagca 540
ngagcctaga natgaaggcc aaaagtcatt ggagaattct ttttccaatg gttgagancc 600
taattcangg aacttttcaag nggtttgncc ctggctnnga attcannaag tccagtattg 660
ggatcaatgg actctttttg nngccccccc caantttctt gggccttten ttttggtang 720
aaaaaagggt ttttncccc ttt 743

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<210> 3616

<211> 906

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(906)

<223> n = A,T,C or G

<400> 3616

```

gnnttnnttt ttctaagggc ttgttccttn tnttttctgca ggatcccatc gattcgaatt 60
cggcacgagc ccacacntgc catattgaac cgttttctgca ctaatcttct ncacgggcac 120
ngcgtggagg gaacgtctag gggaaanggg agagcttgac ctccatctag gttactttta 180
tctggnnaaa aangaacact ttttggaactt antgtaatng ctntngnccc tgtaaaaggc 240
aangctancc ncttaacttt cccanntnna ccttttnnagc cagggaaacca aatgnaaagg 300
gttaatggtn tnncatggaa caggactact ttgtttcccc tttggngggac aaantttccc 360
tagaaacaan cttacccttn aaaacaccca aaaacnttcc caanccccc cntggnttgg 420
gcattagnga agcatggtnn gtncccaaac tttacccaaa aggggacntt ggggagccca 480
ccctttntga cttcttggg gaaattactt tntannngag gaacctggac ttggccttgg 540
antanaaaaa ccccttgtaa atttnccctn naanttancc nnattccctt taaaagacnt 600
ttntntttgg gaaaganttc atttngcctt gntacntatt tccctttttt tngngtggca 660
ttaaataata ttttatttaa accctgggtt caaactggac caacatttgg gttttcttnc 720
caacttangg gaaatttttg gaanttcnaa aactgnttcg ccttttgaaa gancttngct 780
tttttttttg naaaaanngtt ttnggaattt gggctgttaa ccnaantttc cnttntttgg 840
aatcccnnaa gganggggcn anatatcttg gggcaaaaaa aatnnctnng taccctttt 900
tggntt 906

```

<210> 3617

<211> 1235

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1235)

<223> n = A,T,C or G

<400> 3617

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ctaantctgt aacctanntt tcttgacgcc nnentcgcnc taaactacnn tgnctnnggn 60
nctcncctt tacnccacc ctcacccccc tcttttnntt ctccgnngcc tncccccccc 120
ctcccnctn nntgcccnnc nccctancn ccccnccnct tcnnccctegn cnntcnctct 180
centtccnc ctcnccccct tctcncnnt ctncccccct cccccccctc tccgcacctc 240

```

tctntceccc	tencetgtct	ccccnccct	nccectcccn	tctctctncc	ccnntaette	300
cnetctcecc	ncactcectc	ctctctnccn	ctnccctnnc	tncnctcan	ccccctctc	360
ccctctcacc	cnctctcecc	cnnnnccct	ccccctctc	tnnntctct	cnncccnncn	420
ctctctcttc	tccctnnccn	ccccctctc	ncctctctc	ctnctctct	nnctctctct	480
ncctacctcn	acctctctct	nnnccctcn	acnccnnc	tctctctct	tccctctct	540
cnetctctcc	ctctctctct	tncnccct	ctccctctt	ctccnctct	tctctctct	600
nnctctctct	ctctctnnat	ccctctctct	cnnccnct	tccnctct	ntctctct	660
ttctctctct	ctctctctct	tctctctct	tctctctct	tccctctct	tctctctct	720
tacctctct	cnetctctca	ctctctctct	ccctctctc	tctctctct	ctctctct	780
tntctctct	ctctctctct	tctctctct	cnnctctct	tctctctct	ntctctct	840
nacctctct	tccctctct	ctctctctct	tctctctct	ctctctct	tncctctct	900
ccccctct	ttcnnccat	ccccctctt	ctctctctc	tccnnccct	tctctctct	960
tcanctcacc	ctctctctct	ctctctctct	ctctctctc	atccccctc	tctctctct	1020
ccctctctcn	tctccctct	tncctctct	ctcnnctct	tacacctct	ctctctctc	1080
ntntctctc	ncctctctc	ctctctctt	ctctctctc	tctctctc	ctctctctc	1140
tctctctct	ctctctctt	ctctctctt	ccctctctc	ntctctct	ctctctct	1200
ncctctctt	cnetctctc	cnnctctct	ncct			1235

<210> 3618
 <211> 999
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(999)
 <223> n = A,T,C or G

ggntattttna	anttttctaa	aagcttngct	actttganct	ccgtnggac	ccatcgatc	60
gaattcgga	cgagcccaac	cccaggtgtg	ccgctgtctg	cccttgagag	ccctgcccc	120
cgctgtgacc	ccggagatgc	ncgcccgtgt	ggtagactgg	ctggctccag	tgcacgtagg	180
agtaacctggg	tctggctggg	gacacacttt	atctggcggt	tcacctgctt	gattctctacc	240
tgagcgctgg	cccngtggg	tntacatngt	ctgcaactgc	tgggctggg	cttgctgtt	300
tgtggcgctgc	aaaatgggaa	aagtgcgtgc	ttccngaga	ccnacttnc	tnttgnntct	360
tgnnngcgga	nnntcttttt	ttanngggng	ggaactttat	tgnnctnccc	aaacnntngc	420
antctntnn	ncnccnctn	gaattttctg	ggcttnanta	ccaaannccn	gnnccganng	480
nttgtaacct	tncggacttt	tttggnncc	ntccctttnc	aangganatn	aaatcccccc	540
aagttgaaat	ntttancatt	gtgncanncc	taaatttct	tgggaanctt	ggtanttttg	600
acttgganag	ncnccnaatn	gcnnnccng	ggattttgga	aaaccccggt	ttnnctnatn	660
ngcnnggttt	ttgngnnatt	tttttnnacc	cttngggngn	ccaannnnnn	attttggnnt	720
tctaaaatng	gggggcctng	gggcttttca	atnggggttt	tcatagcncc	cannnaaaan	780
tnnttttaac	aatatacccc	ctnannngnt	aaantttgng	ggnanaaccc	cctttttnat	840
aagncccttn	ttntnaaaaa	atttttntta	aatgggnnan	atcnnntnta	tttttanacc	900
tnatanganaa	atttctcacn	tnaacatttt	tgtnatatan	nnggatnnnc	anaatatttg	960
gtnanccaaa	aatattttta	tgttggaacn	cnaaaaann			999

<210> 3619
 <211> 879
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(879)
 <223> n = A,T,C or G

<400> 3619

cnaaatacng	gtacntatct	tcncaaaggn	nnctanntng	ccctaaanan	aatngngtnn	60
gggggttang	nccattttga	tgttacagga	tacttgtaag	tgactttttg	ccattctctt	120
ttgttaccca	tggcctttgt	caccccttg	aatatctctt	ttactcagtt	ctcactttct	180
gttggtgaca	tacttggtga	catgtgccac	cantccatga	aatgaaatac	catatcttcc	240
ttgtgtngat	atnacttttg	tgagtattta	agacatatat	nntnaacnaa	tgtaaaactt	300
nnnaaatnga	ttctcttctc	atnaaaaaac	atttaaaggg	aacatttnana	atatnctnnn	360
nacntttctc	tgaagacctt	acnattttcta	ttacttcaaa	actcccnnta	natcancctt	420
ctactacnag	agtgaangga	anaccctaac	anatctnccc	tngtganttt	tacctttgat	480
ctacaangen	ctcctttcac	nnctcnnggt	cnttcttaag	ntanccgnat	cctntttcct	540
ctntttcccc	anccatcctt	cccnataat	tgcccnctcn	tcnanttaac	cctcnctctt	600
tgcnttgnaa	ccccctgccc	ccctccntcg	cnnccctttt	cttnangatn	ctccccctng	660
ccatccnnac	ccttgcgnnt	aacccccanc	ccctctncta	ccttttctntc	caaaaaagtn	720
cctnccatcc	cctantcggn	nantctngnc	cctcnannna	tnentacctc	tcaanctcnc	780
cantcaaacc	nccacattcn	cccanannac	aaanncnngn	naccnnnnta	ntccatntnt	840
acactctecn	nanctcactn	ctcnccnnnt	acnctacct			879

<210> 3620

<211> 959

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (959)

<223> n = A,T,C or G

<400> 3620

nngtntnttn	aattttcnna	agnccctncgc	tttcaaacct	tggtatcccat	cgatttcgctt	60
gggggtgagtc	tcattcttcac	cctttcacca	actgtccctgg	taacaatctc	ccttccattt	120
ccttggttctt	acagcatacc	ccatagaatc	aagcctcggt	attgccaggg	ctgaactgac	180
ttttttgttt	ttgtttttgn	tttaagcagt	accattgngc	accttgggaa	aattcctgtg	240
ttgatctaata	tttaccatat	tcttcaactc	actgaccact	ccaattagga	tactcctggc	300
actcctggnt	ttagagaggc	ttagatatgt	ggctatttat	ccttttggnc	ttnanactn	360
ggnttttgn	ttttanctaa	accnggant	ttcctgggga	nccaaaaact	tgtnnaaatng	420
ttntttttcc	cnaggaagtc	ttcaaatttn	gggaaaaccc	cccaangcct	tgtgnggggt	480
ttttggccan	ncnaagggcg	ttantattnt	ngnncnata	atttttcggg	gttggaaaaa	540
cccaactctg	gttgggnttg	ggggaatggn	nccttttnaa	aattttggcn	ggggngnatn	600
ttctttggaa	taggcncct	tggaacacgc	cccaaaatnc	ttggaacagc	ccgcaaataa	660
anatttgggg	nccttcnctg	ggnnctttct	ttaaaanaaa	nggcctttgg	gnancctttt	720
tnggggggaa	aaagntgggg	gccctattta	aatttcggaa	aacggaaata	cgtntccctc	780
ancaactttt	naaaanaann	tncataaagg	nnaanaaata	acctttgggg	ngcccccttt	840
aagaaaaccc	ttttaatntn	gngaccnnnn	nattttaacc	cttngaatat	cccaggancn	900
tttggtttaa	aggaanccnn	ttttggatcn	aaaatttttg	gggacaaaaa	anccccct	959

<210> 3621

<211> 839

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (839)

<223> n = A,T,C or G

<400> 3621

```

tggnnnttttg aaattncntt agggcctgct cttttcnaat cngtnggacc catcgattcg      60
tccattttta cgtggttgtt gagaggatcc gatggaatga ctagctgaaa gtgtttgtaa      120
aagtcaggat aagtaaagca atgctgcagg aacaaacaat ccccaaattt cagcagctta      180
ctacaaaaaa atatgtattt ctcactcatg ttcattgcca atgtgtgtta gcaaggagat      240
actgtctctc acagtcatgc aagaccctt gctggggaag ctgcacctnc atatatgctt      300
ctaccatcac cagggcagag gagaggagc atggtggatc atcactggct ctttaagactt      360
tacttgngng acatatgtna cctntactca tggntnatnn ggccaacca ttacatgggc      420
atagnctnac tttaaaaagg gcaggagaag tgcaaactta tcatgggccc caaggagaag      480
agaatcanag tttttctgaa cagntttaat ttttggccag accttgaaag tnccttaagaa      540
attagcttcc aaaaaatatt atggaatatt tttcaattct tccaaagcca gcctgggtant      600
ttnggattca ccaaccggga aaggctccctg gnaacttctt aaaacttggc naggggaggc      660
cttttacctt ggaatggtn c aannaaattt anctcnattn aaantttcaa accaaggggt      720
caaaaattcc aaccgaatgt tnanccaant ggggncncca aacctttgaa acccngnng      780
ncccncttt nacttaagct tacttgnnnn accngaactg ggnnnaaaan ntntcccn      839

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<210> 3622

<211> 874

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(874)

<223> n = A,T,C or G

<400> 3622

```

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tcccacgat tcgaattcgg cagcaggcgg ctggcgcaa aacctctcga tgagccctg      120
cccgatgccg cgggggagag gccngacgg gaccgagaag tgggctggga gcagaggtcg      180
cggatgtggc nagecaggcc ggggccatg cngggaccgg aaggggccc n ggagtggcng      240
gcacgccagg gtcagggtgc cggncgagg angggcccg gggttnggga aggggncng      300
gtgaggagg ttaaacagcc ttgcaggcct nngggnaccc atgttgagc gcncngcng      360
natgtgcgag ggcccgctcc gcctctcggg gcccatcccc acatacngac gctctgtcct      420
gacaactnca tgctgccgac tcngctcaag ggcgcctcga tggaaaccgc tgaactggac      480
ttgctgactt ccnacgggcc ctggacacna ncgntgccnc tnggcccctg gcattangtc      540
cnggnggccc gaaaaggatn ctggnagnnc cggtnacgc ccngccttcc gggngacntn      600
ncttnnntgc naacttcgag ggggggatct taaccttaag gtcccttgg gngccctttt      660
ttttaaaaga nnggaaaagg gacnccctta angggncccc nttgaaaaaa agggatntaa      720
acccttggan ggcccgggg tncaannggg aaagaaattt tcaaaaaaan cctcnttttt      780
taaaaaaaa aaccnnggg aaacnctntt tanceccnng ggnaanncct anggggggnc      840
caantncccc aaaagggncc ccccttttgn aaaa      874

```

<210> 3623

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3623

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agagnnttnn tntttgactt tnatgcttgg tctactngtt ctttttgc an gateccatcg      60
attcgaattc ggcagcagg tngatcctg cactcnnttt anngagccct tgnennaatg      120
cctngnnga gaggccnga ggggaccga gaagtgggct gggagcagag gtcgcggagg      180

```

```

tggcgagcga ggccggggcc caggcgggga cggcgagggg cccgggagtg gcgggcacgc      240
caggggtcagg gtgccgggcg agggaggggg cccgggggtg gggaaggggg cccggggagg      300
gaggtaaaca gccctgcagg cctcggggca ccgttgcttg gcggcgccgg cggcatgtgc      360
gagggcccggt cccgcacatc ggggcccac ccccagacc gacgctctgt cctgacaact      420
acaggcgggcc gactcggtc aagggcgcc cgagggaaac gcgctgaact ggacttgtg      480
acttncgacg ggccctggaa ccacgtcccc gtggcccttg catcggtccc ggtgccggag      540
agatcctgga gcgcggccac gcggccgtcg gggacgtgct gttgcaactc aggggggagc      600
tncctaggtc ctggggcctc ttntcaagan gaaggaccct taaggaccat gagaaggaga      660
acctgagccg gatcaaggga gatttaanaa acctttaaaa gaacanganc cccaaccng      720
ggancaaagg ccaagccaag gccccttna                                     749

```

```

<210> 3624
<211> 740
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(740)
<223> n = A,T,C or G

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<400> 3624
agagnnnnnn ttgtanctna tgctggnta gcgtnctttt tgcaggatcc catcgattcg      60
aattcggcac gaggcctccc gacccccctt ctccccctcc ccacctatcg tcatgacggc      120
ctctccggat tacttggttg tgcttttttg gatcactgct ggggccaccg gggccaagct      180
aggctcggat gagaaggagt tgatcctgct gttctggaaa gtcgtggatc tggccaacaa      240
gaaggtggga cagttgcacg aagtgcctag tagaccgat cagttggaac tgacggagga      300
ctgcaaagaa gaaactaaaa tagacgtcga aagcctgtcc tcggcgctcg agctggacca      360
agccctccga cagtttaacc agtcagttag caatgaactg aatattggag tagggacttc      420
cttctgtctc tgtactgatg ggcagcttca tgtcaggcaa atcctgcac ctgaggcttc      480
caagaagaat gtactattac ctgaatgctt ctattccttt tttgatcttc gaaaagaatt      540
caagaaatgt tgccctgggt cacctgatat tgacaaatgg gacgttgcca caatgacagg      600
agtattttaa ttttgagaag agtagttcaa tctctcgata tggagcctct caagttgaag      660
atatggggaa tataatttta gcaatgattt cagancttat aatcacaggt ttcagatcca      720
gagagagtgg attncaagtt                                     740

```

```

<210> 3625
<211> 745
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(745)
<223> n = A,T,C or G

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<400> 3625
agtnntnnnn tnangaatcc ttgctggunc cgcgtggctt tntgcaggtn gcccatcgat      60
tcgaattcgg cacgaggcct cccgacccct tttctcccc tccccaccta tcgtcatgac      120
ggcctctccg gattacttgg tggtgctttt tgggatcact gctggggcca cgggggcca      180
gctaggctcg gatgagaagg agttgatcct gctgttcttg aaagtcgngg atctggccaa      240
caagaagggt ggacagttgc acgaagtgtc agttagaccg gatcagtttg aactgacgga      300
ggactgcaaa gaagaaacta aaatagacgt cgaaagcctg tcctcggcgt cgcagctgga      360
ccaagccctc cgacagttta accagtcagt gagcaatgaa ctgaatattg gagtagggac      420
ttccttctgt ctctgtactg atgggcagct tcatgtcagg caaatcctgc atcctgaggc      480
tnccangaag aatgtactat tacctgaatg cttntattcc ttttttgact tcgaaaagaa      540

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ttcaagaaat	gttgccctgg	ttcacctgat	attgacaaac	tgggacgttt	gccacaatga	600
cagagtattt	aaantttgag	aagagtagtt	caatctctcg	anatggagcc	tttcaagttg	660
gaagatatgg	ggnaatntaa	tttagcaatg	atttcaganc	cttataatec	anggttttcag	720
atccngagag	agtnattac	aagtt				745

<210> 3626
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (735)
 <223> n = A,T,C or G

<400> 3626						
agtnnttnt	tntgactnt	tgctggnnna	gcgggctttt	tgcaggaccc	atcgattcga	60
attcggcacg	agccccaccc	attagttntg	tgggcctgcc	caacaccttc	ctgggttcac	120
atccggccag	acaagaaaga	agccaaaaaa	ctttccgtct	accactgcgc	ctctcatgc	180
ccaccccatc	ctattagcct	aaaatggaac	gggctaatta	gtttatttgt	ataggaggag	240
gtttcagctg	cctggacaaa	accaggagtc	cactgtccaa	gcttcttctg	ttttcctgag	300
ctcagaagaa	aaaaagtgtg	ttagactaag	ataataccgc	cttttgaata	tctcggcttc	360
atatttgcc	ccatgagtga	gagggccaa	tggtatctgc	aagttgaatc	ttctatatcc	420
aaaaatctcc	atcccttttt	tctgccagcg	cattcccaga	tcagccgttc	acttgcctta	480
agcctctata	atctatgatt	ttctttnctc	tttaacctgc	tctttccatt	ggccagttaa	540
ttcatttctc	agctacagct	tcagaggggc	tcaccttcng	gcttccgncc	caagggcatc	600
tggaggcttc	agttctgntt	tctctgctga	gtcaggagcc	agcccacttg	atttggtctc	660
cgtgtatctt	tgngtctctg	ctcantctnc	tgctagtgtg	ccttgggtgc	ctcatcaatc	720
tctttccatc	ctggg					735

<210> 3627
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (741)
 <223> n = A,T,C or G

<400> 3627						
agagnnnnnn	tttngncta	atgctggntt	actcgggctt	tttgcaggta	gcccancgat	60
tcgaattcgg	cacgagcccc	acccattagt	taggtgggcc	tgcccaacac	cttcctgggt	120
tcacatccgg	ccagacaaga	aagaagccaa	aaaactttcc	gtctaccact	gcgcctcttc	180
atgcccaccc	catcctatta	gcctaaaatg	gaacgggcta	attagtttat	ttgtataggg	240
aggggtttca	gctgcctgga	caaaaccagg	agtcactgtt	ccaagcttct	tctgttttcc	300
tgagctcaga	agaaaaaaag	tgtgttagac	taagataata	ccgccttttg	aatatctcgg	360
cttcatattt	gcctccatga	gtgagagggc	caagtgttat	ctgcaagttg	aatcttctat	420
attcaaaaaat	ctccatccct	tttttctgcc	agcgcattcc	cagatcaagc	cgttcacttg	480
ctctaagcct	ctataattta	ttgttttctt	ttctctttta	cctgctcttt	ccattggcca	540
gtttattcat	ttctcagcta	cagcttcaga	ggggctcacc	ttcgggcttc	ccgccccaa	600
ggcatctgga	ggcttcagtt	ctgntntctc	tgctgagtca	ggagccaggc	ccagcttgat	660
ttggctcccc	tgtatctttg	ngnctctgct	cantctctgc	tantgtgect	ngggtgectc	720
atcaatctct	tccatcctgn	g				741

<210> 3628

<211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

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<400> 3628
agagnnnnnt tntanctaata gctgggnatag ctgggctttt tgcaggatcc catcgattcg      60
aattcggcac gagcttgatt aggtcttttag gggccgaggg actagccagc tgcacaggtg      120
actggatggg ggagggggcan gtgaggtggg tctacagagg tggcttcgcc tttgaccttc      180
atgctggtct cggctgaggt gacacgctag tgacagccca ataggggggt acccttattg      240
agtaaaatac ttcagattga cagctcaatc ttagtttgcc tccagttaat cttttatgct      300
tagggattaa atgtgtggtt tttnttttgt nnnntttttt tggagacgga ntctcgntct      360
gtcaccang ctggagtga gtggcgcat ctcgntcac tgcaacctct gctcctggg      420
ttcaaagcat tctcctgcct canctccca agtagctggg attataggcg cccaccacca      480
tgctggcta gntttttatt nttagtanan atgggggttc accntgttg gccaggctgg      540
tctcgaaact ctgacctgct ngatctaccc acctngnct cccaagtgt gggattacag      600
gcgtgagcta acatgcctgg ccaggggatt aaaatattca aacatgttgn gtgtaccag      660
atatgctgnt aatttangaa aaacagtnca atttctatga aatgggtggg gactatttnc      720
tgtantcaat acattnggga tat                                          743
  
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<210> 3629
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

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<400> 3629
agagnnnnnn ttgtanctaa tgctggtnta ntctgtntct tttgcaggna tcccatcgat      60
tcgaattcgg cactgagcttg attaggtctt taggggcccga gggactagcc agctgcacag      120
gtgactggat ggggggagggg caggtgaggt gggctctacag aggtggcttc gcctttgacc      180
ttcatgctgg tctcggctga ggtgacacgc tagtgacagc ccaatagggg gttaccctta      240
ttgagtaaaa tacttcagat tgacagctca atcttagttt gcctccagtt aatcttttat      300
gcttagggat taaatgtgtg gttttttttt tgttnttttt ttttggagac ggagtctcgc      360
tctgtcacc caggctggagt gcagtggcgc cgatctcggc tactgcaac ctctgcctcc      420
tgggttcaaa cgattctcct gcctcagcct cccaagtagc tgggattata ggcgccacc      480
accatgcctg gctagttttt tatttttagt agaatggggt ttcacccgtg ttggccaggc      540
tggtctcgaa ctctgacct cgtggatcta cccacttggc ctcccaatgc tgggattaca      600
ggcgtgagct ancatgcctg gccagggatt aaaaaatttc aaacatgttg ggtgtaccca      660
aaatatgcct ggtaatttag gaaaaacagt ccaatttcta tgaaatgggt tgggactatt      720
ttctgtagtc aataccaatg gggatatct                                          749
  
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<210> 3630
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3630

agtgtnnnct	ttgaaacctt	atgctcggta	tagctgggct	ttttgcagga	tcccatcgat	60
tcgaattcgg	cacgagagca	tgccctaaag	agggaccagc	tgtagtaggt	cagttttatc	120
aagatgtcaa	gaactcaagg	tctacagatt	ccattcgtct	cttagctcta	ctttctcttg	180
gagaagtggg	gcatcatatt	gaacttaagt	gacagttgga	actaaaatct	gtaatactag	240
aagctttctc	atctcctagt	gaagaagtca	aatcagctgc	atcctatgca	ttaggcagca	300
ttagtgtggg	caaccttctt	gaatatctgc	cgtttgctct	gcaagaaata	actagtcaac	360
ccaaaaggca	gtatctttta	cttcattcct	tgaaggaaat	tattagctct	gcatcagtgg	420
tgggccttaa	accatattgt	gaaaacatct	gggccttatt	actaaagcac	tgtgagtgtg	480
cagaggaagg	aaccagaaat	gttggttgctg	aatgtctagg	aaaact act	ctaattgac	540
cagaaactct	ccttccacgg	cttaaggggt	acttgatata	aggctcatca	tatgcccgaa	600
gctcaatggg	tacggctgtg	aaattttacaa	tttctgacca	ttcacaacct	attgatccac	660
tgttaaagaa	ctgcataggt	gatttctctaa	aaactttgga	agaccagat	tgggaatgtga	720
gaagagtaac	ccttggtcac	atttaattcn				750

<210> 3631

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 3631

agnngnnnnn	ttttanctaa	tgctggcncta	ctngttcttt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgagagcatg	ccctaaagag	ggaccagctg	tagtaggtca	gtttattcaa	120
gatgtcaaga	actcaaggct	tacagattcc	attcgtctct	tagctctact	ttctcttgga	180
gaagtggggc	atcatattga	cttaagtggga	cagttggaac	taaaatctgt	aatactagaa	240
gctttctcat	ctcctagtga	agaagtcaaa	tcagctgcat	cctatgcatt	aggcagcatt	300
agtgtggggc	accttcttga	atatctgccg	tttgtctctg	aagaaataac	tagtcaaccc	360
aaaaggcagt	atcttttact	tcattccttg	aaggaaatta	ttagctctgc	atcagtgggtg	420
ggccttaaac	catatgttga	aaacatctgg	gccttattac	taaagcactg	tgagtgtgca	480
gaggaaggaa	ccagaaatgt	tgttgctgaa	tgtctaggaa	aactcaactct	aattgatcca	540
gaaactctcc	ttccacggct	taaggggtac	ttgatatcan	gctcatcata	tgcccgaagc	600
tcaatgggta	cggctgtgaa	atttacaatt	tctgaccatt	cacaacctat	tgatccactg	660
ttaaagaact	gcatangtga	tttcttaaaa	actttggaag	accagatttt	gnatgtgaga	720
agagtacctt	ggtcacattt	aattn				745

<210> 3632

<211> 1304

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1304)

<223> n = A,T,C or G

<400> 3632

gnnagcgttc	ncncttntng	gaaacctttt	cnaantngct	ggggaaacnc	gaaatcgcn	60
nnagggctgc	natgcganc	gcaaagtcac	acaaaaactt	cacttaagta	gtccctattt	120

ttactccagt	gcttatnca	ttatctagca	gaatgtacct	tcattngatc	cactatttac	180
cantgattaa	agtgaggcng	tongtggagt	tatacggnac	tnngnagact	tngtctanc	240
gaaatacann	anacaaccnc	anaggaccat	aantttnatg	cctatagaac	atnnnangaa	300
acaggagcag	gatcntngtc	tataatatan	caaacttgnt	tnnacatacc	tancnacaac	360
ctacaaatgc	tettanaacc	ancctanctn	antgctnccn	agtttttctn	ggntnaactc	420
cnactnttng	gngcaantgc	aggntcaent	anctnctnatt	cccnantgna	naaactnnnn	480
ccccnnanan	ctntntnta	gtcannnct	ctttaacnac	ntnnnnnatnc	ntntannat	540
cagccaggnc	accnacanta	nttcanttcn	ttnnccaatc	annactgnaa	tntnnctt	600
nnctntttnc	nettcctnct	aacatcacgg	ctatnccgnt	aaatnttcta	cactcacggg	660
tgananaactc	ggnetnacn	tctnccggag	netatacctn	tcgcnnnnca	cagntgcegn	720
tatnnncnaa	taagaanaan	atctnctnct	nnananantc	ncnttctctn	aaccannaca	780
nnntgmnct	catnnacnnt	ncgtaangcn	agtaacnccn	tantcancat	actnacatan	840
nagtntatcn	aactntnctc	ttctntnanc	tananaacgn	tcacncttnc	ntatanaact	900
cntattanac	tcanaacngc	tcctnnngna	tngtntctct	tatnganann	nnnnnannnc	960
tanngnnnat	nactccgacn	gtacacctat	ataatagant	ctntacnctt	ctattcatca	1020
gatnnanttc	tcanagantt	nnnnntaaca	ttatnctncc	tanacnatgn	tcancctna	1080
nattcggnnc	netacacntn	ctacnccatc	tcnagctnnn	tacttctcac	aannnancct	1140
netntacnct	ntacanatan	tatcacanat	ccnccgnaant	ntntntnct	cntagnngta	1200
canactnca	tctatntcta	cnnataaata	tnctctatcn	netcanatcn	cncntntant	1260
cngntacggn	tnctcgannc	netcctcatc	ntntcngnac	ncnt		1304

<210> 3633

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (732)

<223> n = A,T,C or G

<400> 3633

cnaaatncct	gtacttttg	atttccngna	ggatcccatc	gattcgccga	tttacagatt	60
gaagcggtaa	attagtgggt	ttatgggtatt	tctgtaaaca	gggataaagt	ggaccctgac	120
aaattcaata	ttgtctgaag	agacaatcta	ttctgggtct	gttggacttc	agggtatttt	180
tctttttttg	taaaatgaaa	actacaaaga	aacctgactt	ttcaattttt	tatacatgta	240
atttttctaga	aatctaggaa	gtcattttaca	catccttata	taccatgagg	ggcaaaaagta	300
agcttttcttc	ctcccaaagc	aaaactcttt	ttccttaagg	agctggaatg	ccaccttgaa	360
attctgagtt	ttgagctttc	agtcattttt	tggctggaat	aggtgggtga	aatttcttaa	420
gtctgctctg	tgatgtncct	ctgaagggat	gcancatgaa	ccattgggtcc	ctttatgcga	480
tcattgtccg	ggctgcactn	acanggtttg	gggcanaaaa	aanccaaaca	tttcacccac	540
aggcaagctt	gcttntcggn	aacccccnaa	gctgggtcct	gcgacagaat	ttggtnaagg	600
acccttnacc	gnttgggtcac	tggctgcatt	tgnggccaan	accccccccc	gcctnattnn	660
gaggatttta	aaatttggan	tgggttggct	ggccttgac	ttccgnanct	tatgcctaaa	720
aaaaattttc	ct					732

<210> 3634

<211> 1278

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (1278)

<223> n = A,T,C or G

<400> 3634

ctaccgcctt	atgntatcgn	nettttcenna	anananange	tnggcgaatt	cggcacgagg	60
atctatctct	tctccctgcc	cattaaggaa	tcagagatca	ttgatttctt	cctggggggcc	120
tctetcaagg	atgagggttt	gaagattatg	ccagtgcaga	agtcnnance	necccccnnc	180
cnentcnnea	cnccccennc	nenttccenn	ntccccctc	cnmntccnn	cnnnnnnnct	240
nancanncn	ctnaenenet	cnennctenn	cnccccncca	nccccnact	ccaaccnnnn	300
cnnnnnnnnc	ncaccanccc	tnntnncccc	nennatntnc	tcnancctt	acnncnctn	360
ttccntctc	tenenntenc	cnnccttnn	caennctctc	ntacctcnc	netnctctc	420
nnnnnnnncc	ccctctann	acnctannc	accccccnnc	atacanctn	cnccnccnt	480
tnccccnnc	ntcanntenn	tnntccnnc	tnnnnctctc	cnnnnttnn	nantccaanc	540
nacnccnnt	ncctctctt	ntatcnctnc	cttacctctc	tcctactcn	ctctcnctc	600
cnctctctc	tennctctt	ctnnctctc	nnnancctc	ctcnccnnc	cnactttct	660
ancctctnn	ncacacccat	tcnntacac	nnnnnnncc	ctnnctctt	caennntct	720
cnctctctc	cnnnannnn	netncannac	nennctctc	ctctannnn	cnccnnnnn	780
nccccnctn	cnncatctc	tnnctctct	ctntnncnc	tctnnnttt	ctntcnncn	840
acnacttcc	actntcnct	cctctannn	ncanctenn	tctnccnnc	acnatnatn	900
acnnnnnnnc	tnacnennn	tnatcccc	tctnctctc	nnntcannn	cnacttctc	960
ctccccnnn	ctatcnant	ctttcacnnc	netctctcnc	tnatatntn	cnactctnc	1020
ctctcacctt	cacatcatna	tacnacnaca	ctctatanna	nnctcnctc	ctancctnn	1080
ntacnnccn	nnnnnnctn	acnnnctcc	ttccnctct	tctctctnn	catctnnnt	1140
nantctntc	ntctctntc	ntctcttnn	actctnncn	netnnacna	ctntctatn	1200
nnccacnaat	cancatcnct	cctctctnn	ctctntctn	nnctctntac	tnancacatn	1260
tnctcnctc	tctcccc					1278

<210> 3635

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 3635

gnnnntnnan	ncnnnttnc	aaatngctag	gctactngtt	ctttttgcag	gateccatcg	60
attcgaattc	ggcacgaggc	tgtttctctc	agaaaatgaa	gaggggaagga	tggtcangg	120
aaagttaatc	agagggaaaa	tgtcactctg	tanagagtaa	aanatttang	atgatgatac	180
gatctgggaa	aaaanggcac	agtgaanacc	acttaaanac	aaactgaanc	ctatgaagg	240
gcatgctatt	tccccagagc	tgaaaagata	agtgaatng	tgtatgaact	cttaagtga	300
ggtgaagcag	aattttattg	ccaccaacca	cataagtgat	tatgaagtaa	ctgagaaaca	360
ggtaacattt	tttccacat	ggacaaaact	ttctcttct	agaatattaa	gtctctatga	420
tgagaaatga	agtagcatct	caagcagttt	ataaatctac	canaatatta	gaatcacctg	480
ggacctttga	acgtactcat	gcccaggtct	actntattca	tttattnttt	tgttnnagatg	540
gggacttcaa	ctctggtct	caaatgatcc	tnccacctcg	gcctcctaaa	gtgtgaggat	600
tacaggcggtg	agccctgtgg	ccagccctac	taggtctgct	ttggaccaat	taaatcaatc	660
tctgggggtg	gaacctgggc	tttaagtatt	tttaaaaatt	ttcttaggtg	ggtctaatta	720
atactcggat	tgagaaccct	gctacacatg	gaatnttatt	cc		762

<210> 3636

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3636

tnacnaatta	ntntgctctc	gtncctttccg	naanaannng	gcnntcggt	gagacggagt	60
ttcaccatgt	tggccaggat	ggtcttcaac	ttctaacttc	gtgatccacg	ctgctgggat	120
tacaggtgtg	agccaccgcg	tgtggcctct	gggcaccttt	tgaagctgaa	gcagagagag	180
aaggcggcag	gcatcagcgt	ttcttctctat	gaacttataa	gatcaaagac	tttaagactt	240
tcactatttc	ttctaccgct	atctactacg	aacttcaaag	aggaaccagg	agtacggaag	300
gagcatgaaa	gtggacaagg	aacgtgacca	ttgaagcacc	acagggaggg	gttcaggcct	360
ccggatgact	gcaggcaggc	ctgggtaaca	tccagcctcc	cacaagaagc	tggtggagca	420
gagcgttccc	tgactcctcc	aaggaaagga	gactcccttt	cccggctctg	tcagtaacgg	480
gtgccttccc	agacactggc	gttaccgctt	gaccaagggg	ccctcaagcg	gcccttatgc	540
gggcatgaca	gaaggctccc	ctcttgcttt	ctattcactt	ctcacaatgt	cccttcagca	600
cctgacccta	tacctgccgg	ttattcctag	gttatattat	taatgcaaca	gagtaaatatt	660
aaaagctaatt	gattaataat	gtttataata	atgatggata	attgggttcat	gatcatcgct	720
gtatctaatt	tgnattatga	ctatncttat	tctattntct	ttatataactn		770

<210> 3637

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3637

tnacnaatta	ntntgctctc	gtncctttccg	naanaannng	gcnntcggt	gagacggagt	60
ttcaccatgt	tggccaggat	ggtcttcaac	ttctaacttc	gtgatccacg	ctgctgggat	120
tacaggtgtg	agccaccgcg	tgtggcctct	gggcaccttt	tgaagctgaa	gcagagagag	180
aaggcggcag	gcatcagcgt	ttcttctctat	gaacttataa	gatcaaagac	tttaagactt	240
tcactatttc	ttctaccgct	atctactacg	aacttcaaag	aggaaccagg	agtacggaag	300
gagcatgaaa	gtggacaagg	aacgtgacca	ttgaagcacc	acagggaggg	gttcaggcct	360
ccggatgact	gcaggcaggc	ctgggtaaca	tccagcctcc	cacaagaagc	tggtggagca	420
gagcgttccc	tgactcctcc	aaggaaagga	gactcccttt	cccggctctg	tcagtaacgg	480
gtgccttccc	agacactggc	gttaccgctt	gaccaagggg	ccctcaagcg	gcccttatgc	540
gggcatgaca	gaaggctccc	ctcttgcttt	ctattcactt	ctcacaatgt	cccttcagca	600
cctgacccta	tacctgccgg	ttattcctag	gttatattat	taatgcaaca	gagtaaatatt	660
aaaagctaatt	gattaataat	gtttataata	atgatggata	attgggttcat	gatcatcgct	720
gtatctaatt	tgnattatga	ctatncttat	tctattntct	ttatataactn		770

<210> 3638

<211> 928

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(928)

<223> n = A,T,C or G

<400> 3638

ctaannatta	attanntagc	ctaaatngcn	naacnntgnt	tnngettnng	gcccancat	60
ggnnccctnnt	aagtaagatn	tntnnnnngg	agctgganaa	tcagnactgt	cccagccgat	120

gggtngttcc	nactgggagc	anangaagcc	ttgaggacct	actcacanat	angaattgaa	180
gattatcttn	aaaacaatct	tccactantt	ctgacnatac	ttggagcctg	ntccacgtgc	240
atnccacctt	gggaagcctc	tncaaagagc	tttengagct	nacactgaca	gntncanttt	300
cccnacanaac	ccacnatagc	ctngetgngt	ctgtctnccc	ggcangagtc	catnctcact	360
gcccgggacac	tcathacant	ctccacgntc	tnctctctcc	cancctgnat	ggagcctccn	420
nggctnnnga	acgntnccca	agtcaatnct	cacnnatncc	ngnagctgcc	tntnagcact	480
nntcttgggc	cantctccctc	cttgacanaa	tcathaccca	ncatgacnch	cactnngcca	540
tnccnntcna	canttttttn	tcttcattnc	atnttntctn	cccatngnna	cntcnaaacc	600
nnctagtana	ccccancant	ctcgnnatct	ncncaaccng	nncancnana	cntttgtctt	660
ttntncnntn	tgatcttcca	cctnntcttn	tctnnchnatn	tncaataatc	ntaattccta	720
nacatnctac	tcttaaactnt	ccnttnctta	nnttcccaca	catctgttna	tacntatccc	780
tnectnccca	tgnntnnnat	ctcanntccc	cnnngcctnn	annatnttac	tcagccctnt	840
cctttatnna	nntcnntnca	ccncgnnagt	nnnnccatan	cnnanatttn	nncancacan	900
cnetctcttn	ttttcaaacc	tncccccg				928

<210> 3639

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 3639

gaacntatct	ntgtgtagct	cgnantnncc	taaatanaat	aggctgggng	aattcggcac	60
gagagtgagt	ggtcttacca	aaaatccagt	atccttgcca	tccttgccaa	atccactaa	120
accaaacaac	gttctctctg	tgccagtc	tagtattcaa	aggaacccta	ctgccagtgc	180
tgcaccattg	ggaacaacac	ttgtgtgca	ggctgttcca	acagcacact	ctattgtaca	240
agccacaagg	acttctttac	ccacagtggg	cccatcagga	ctctatagtc	catcaactaa	300
tcgaggtcct	atacagatga	aaattccaat	ttctgcattt	agtacttctg	ctgtctgcaga	360
acagaacagc	aataccaccc	caagaattga	aaaccagaca	aacaaaacaa	tagatgtctc	420
tgctcagtaag	aaagcagctg	atagcacatc	acagtgtgga	aaagccactg	gcagtgatcc	480
aagtgggtgc	attgatctca	caatggatga	tgaagagagt	ggagcttcac	aagaccccaa	540
aaaactaaat	cacactcctg	tatcaacct	gagttcttct	cagcctgtgt	cacgaccatt	600
gcaaccata	caaccagcac	cgnctcttca	accatctggg	gtgccaacaa	gtggaccatc	660
ntcagaccac	catacactta	ctacctacag	cttcaactac	ccngaatgt	aacacatcgt	720
ccagtaactc	angtgacca	caagaatncc	ctgtaccaag	agctccttnn	aaaccaccan	780
n						781

<210> 3640

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 3640

ctaacnaatt	antgngnang	ctcgtntctn	ccgaacnana	nnggcggggg	cgaattcggc	60
acgagattta	gtcactagct	ataatacatt	tagtgaacaa	atgtagtctt	gcactaaaa	120
tagagaatac	ctatcctttt	caagaatata	taaaataatg	accatatata	taccacagag	180
taagctgcaa	ccaattctag	ataacttaaa	tacagaccat	gtttggaaat	ttaagaaaaa	240

```

aaaacacatt tataacttgt ggatcaaaaa agtcatagaa cttagacaat acttggaact 300
gaatgtaaat acaaagtcta ttaaaatttg tagtatgcag ttaaacagga cttgtatacg 360
catttatata tctaaatgca tgtattagta aagaaaaaca aatagaaaat taagtttcca 420
actgaaaaag ttagagaaca acagatccat cagaggaagt agacagaagt tataaagagt 480
tataaaggta accaggcatg gtggtgcaca ccctatagcc ctagctactc ngnangnnnn 540
gnnggtnnen aggnttgctt gnnncnnga atccnacngt cennncngnc cnattgatcg 600
gcnnctgcnc aatngnnctn cttctancct caccctngg tcnaccatan ggnganncan 660
nncatacten tengcacanc ctatttcttc nananggtng gntcctcenn nnnatcttnc 720
nennctctc anctanctn ncatnttnc tanntcnant cctccatatt nennctcnc 780
ccnactactc gntnacgntc cnnctttctn caanannngn gancctntna nnnngcaaca 840
tnctctngtn cennnnctn nnctnnntnn nccnncttct nnetctctnt ttcnnngcan 900
annccanntn ngntctctn ntct 924

```

<210> 3641

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (868)

<223> n = A,T,C or G

<400> 3641

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ctaaaaaag gtnggggggaa ttcggcacga ggtcaggctc tgctggacac tgcattgtcca 60
aacgtcattt taccatgtg ccagcgacaa ggtagattcg cttgtnccaa ttttgcacat 120
aaggaaacag ccttagagag gttagggtgc ttgtgcaagc ccagggtagg tggcaccag 180
tctgccagtc tgcaacgcac tggatatctn cagccagtag accttgctcc ctgggtgccc 240
agttctggat ctcaggaaan gtggattaag gctcctagtg gcgggacctg ggtggggatt 300
tgctgccctc tgggtggcaga agggacatca ccctgggtgt gagacttggt ggcatctgtg 360
aggcggtctt ttcattccnan ggaagccgga cctcaaatct gacctcagcc ccaggaaggt 420
gccancanga nggtgccacc tangagggtg ccaccagggt tccgccnggg tctgctgggg 480
ccctgctcca tcttgnntga nncacataa cncctaagct gtcacnagac ccagggnntn 540
actgtctggg ntttganncc tgtgnnngcc ccctgagccn atttgncttt ntctcctctt 600
tggggccctc canntttccc nttttcantt tannanttct ncnnanttna ttaannctcc 660
cnggggccaa actntatnct taggaaacnt ncactnctn annaatttaa atttatnntc 720
tacacttcaa ctctnccatc tnnnaactgc cttnacnena atntatttct tnctnnnnct 780
ccnctntcta natcatcnnn tctatcttct tatatnntca ctnnnctnat nanaaaaaact 840
anncngtgcg tctttcntta gaacncct 868

```

<210> 3642

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (787)

<223> n = A,T,C or G

<400> 3642

```

tnnacaattn cncntgctac tegtctcttc cgcaatannn nntgctnttc gaattcggca 60
cgaggccagt ccctggacag ctncgacgcc atgaatatnt tgcccangaa gagctgnac 120
gtncggaaca nggacaatgt ngnccgctg cggngtgacg agggccaggc ccggnaggag 180
gagaaggagc gtgagcggag ggtgctgntg gctcancaag agggccgtnc anaattccta 240
cngaagaaag ccanacatca gaactcactg cctgagcttg aagcagcaga ggccgggagcc 300

```

```

ccagggtnttg gccctgtgga cctgttttcgg gagctgntgg aggaagggaa aggagtgate 360
ataggcaata aagagtncca ggaagaaaag cgacaggatn aaaganaggc nngagaaagc 420
tctgggcatn ctgacatacc tggggccanag tgcacngag gcacagactn aaccccccttg 480
gtaccagctt cccccagggc gagggggccc cccggccngt ccagccccag atganangat 540
caagancctc tggaccctct gcgggagatg cataagcatc tggngaagaa gagacagnac 600
ggcggtgatn aangcagtnn cagctnaaag gaaaaggacg ggtctnagaa gcattaccca 660
aggagccttc atacnttgac cagcttngaa cttgaaccgt ntgctgaggg aaatcagctg 720
tatangtctc nggcataagc cctgctggc cccnggttcc aaagcccnng cacttacang 780
gagggnt 787

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<210> 3643
<211> 787
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(787)
<223> n = A,T,C or G

```

```

<400> 3643
tnnacaattn cnctgtctac tegtctcttc cgcaatannn nntgctnttc gaattcggca 60
cgaggccagt ccttgagacg ctncgacgcc atgaatatnt tgcccangaa gagctgncac 120
gtncggaaca nggacaatgt ngncgcntg cggngtgacg agggccaggc cgggnaggag 180
gagaaggagc gtgagcggag ggtgctgntg gctcancaag agggccgtnc anaattccta 240
cngaagaaag ccanacatca gaactcactg cctgagcttg aagcagcaga ggcgggagcc 300
ccagggtntg gccctgtgga cctgttttcgg gagctgntgg aggaagggaa aggagtgate 360
ataggcaata aagagtncca ggaagaaaag cgacaggatn aaaganaggc nngagaaagc 420
tctgggcatn ctgacatacc tggggccanag tgcacngag gcacagactn aaccccccttg 480
gtaccagctt cccccagggc gagggggccc cccggccngt ccagccccag atganangat 540
caagancctc tggaccctct gcgggagatg cataagcatc tggngaagaa gagacagnac 600
ggcggtgatn aangcagtnn cagctnaaag gaaaaggacg ggtctnagaa gcattaccca 660
aggagccttc atacnttgac cagcttngaa cttgaaccgt ntgctgaggg aaatcagctg 720
tatangtctc nggcataagc cctgctggc cccnggttcc aaagcccnng cacttacang 780
gagggnt 787

```

```

<210> 3644
<211> 789
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

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```

<400> 3644
tnanctatng ntgtgtnggc tcgnnctttc cnnannaaaa gggctgtggc gaattcggca 60
cgaggagtgg atatgttcgt ggagacactg tggaaagtct ggaccgagct cttggatgtt 120
cttggaacttg acgtctccaa cctgtcccag tatttcagcc cagcctcgtt gtccagcagc 180
ccggcccgcg cgctcctgct ggtcggcgct gtccctcctgg cctactggtt cttgtccctg 240
accctgggct tcactttcag cgctcctgcac gtgggtgttcg gccgcttctt ctggatcgtg 300
cgggtcgtcc tggtttccat gtcctgcgtg tacatcctgc acaagtacga gggcgagccg 360
gagaacgcgg tgctgccgct gtgcttcgtg gtggccgtct acttcatgac cgggccccatg 420
ggcttctact ggcgaagcag tcccagcggc cccagcaacc ccagcaaccc cagcgtggag 480
gagaagctgg agcacctgga gaagcaggtc agactgctca acatccgtct caaccgggtg 540

```

```

ctcgagagcc tggaccgctc caaggacaaa gtgaaggtca accggccggg cgggtccaca      600
gttaccagca cgcttgctct agaaaacgaa aacngaggaa aaaaaccca aaaccccaaa      660
caatcttaan taaacacgac tgagcaaana aaagttggcc ctgtgtaagg gctattttca      720
cccaccgggn aagtttttag gacncatttc ccagaaaga cgggaaaaga tcatttgacc      780
ctnggaacn                                     789

```

```

<210> 3645
<211> 1098
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1098)
<223> n = A,T,C or G

```

```

<400> 3645
ttacttttcc tncatccagg nctaantagc nctaacnngn ttnanntngg gnnttcgnta      60
cnantcanct ttcnagtna ccataagagc aaggggaact cgtacnacgn nnacgtngcg      120
ctgcancang nggacactgg aaactcttac ctttgcnngt acttnaanat taaangcctt      180
actgangagt atctacccc tntacaactc ttctttgaan ganaacntaa tcactntana      240
acacnctncc ttaactcna agtcgnatgc anatcaacat nntnatccna aacaccnngg      300
gcancntttc tngctccttt atcancncc nnaatcattt aacntcacna tcnacattcg      360
ncnatcatnn cagcnagaca nantgnanac ctacatctnt anntanntgc antngnnan      420
tcnncttgmn tcccctannc cacctntcca naagatatch ttngnngent tntnnenncc      480
ccactatac nacatccncc ntntcagca antttantnt cnaccctccc nctnanganc      540
nnnctannc ancctntncc caacnantnt aacaancntn accannccan gntctntnnc      600
tctntccctc acantacana aatntctcaa nanctcccn acnncanctc anctnnntng      660
tacaatccac tcaatctcng ngcnnccac cnantcttta nctgggnaac cttntctcac      720
atactancgc aanacaatnn tcgcgntnnt tctcnanac acatctctcc ncanctnnnc      780
tnatacnact atcatctnc atnnncactt anngccaaa nntacactng anacnactac      840
tcgccanttt cantanctnn tantatcgct ngtcactng catctctanc atnnntnnac      900
aaaancnct ccncnctan aactntcact ncatctanc tctananact ntctcnaactn      960
accntctta taccacaann nccnancntn ntgenctcct catantntnt ntatncttc      1020
nntactactn natntananc tactactcca cctcnacat ngcttntcat atncatatcc      1080
tcactcttct cncnctncn                                     1098

```

```

<210> 3646
<211> 783
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(783)
<223> n = A,T,C or G

```

```

<400> 3646
ntaannngtg ngnggtcggn ctanccnaac nanataggct ggggcgatga tgtaaagtct      60
gaaatataca gctttggaat cgctctctgg gaaatcgcca ctggagatat cccgtttcaa      120
ggctgtgaatt ctgagaagat ccgcaagctg gtggctgtga agcggcagca ggagccactg      180
ggtgaagact gcccttcaga gctgcgggag atcattgatg agtgccgggc ccatgatccc      240
tctgtgcggc cctctgtgga tgaaatctta aagaaactct ccaccttttc taagtagtgt      300
atcaaaatct aaaccaagga gtctctggac aagaagctgg gagaggcaca aactggacat      360
ctctctctct catatccttc ggcattgggt tatctatggg agcaaggagt gggcacgctt      420
ctctgttaca aatagaaaac gattccagtc atacaggaca catccactcc aaangatatt      480

```

tccaaaaaca	tacctctgac	agtnactttg	atagatgggt	tggcnaatgt	atcttctggg	540
tatccacacc	tcttggccat	gaaatttgca	gtctctccct	tccataaatg	aaagtctctt	600
ccccccacca	tnttgaaatc	tnggctggca	ctgcgacttn	gantcgnttc	aatacnaatn	660
gtnggangaa	ngtgactgtt	tnnentttcc	cancctnggt	tttcaagagg	ccttnttaaa	720
tgcenngttg	gaaccttacc	ccnccctgnc	cntngtnnac	tgaccatggc	tggaaaantg	780
acc						783

<210> 3647

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3647

ctaatanngg	tgggacctcg	nnatnnccna	aananaatag	gctggggcga	attcgggcacg	60
agagtgtgat	ctgcagggag	agaaccaatt	acagtatgct	tggagagggg	gacatttatt	120
ctgctgaacc	tcttctctgc	ttcacataac	gttggccact	tcacctttcc	tgagatgtct	180
ctgaggatgg	gcatatttta	aagacttgag	cttacatcat	cgcattctga	aagaaccgag	240
tataattgag	ttgctgatac	aagtgggtac	ttgcaccagg	tccgggtcac	ccacatctct	300
atggaaacac	atgtttgctt	taaagcccag	caatcagaag	cagatcctta	taggagccag	360
cattgggtca	cttttagaaa	aaggcattta	tttatattct	caagccagca	nagacctatg	420
aaatgaaata	attttcaa	tcantagaaa	aaccatgccg	tacgtgaatg	ctaataaaaag	480
cctgcccgtg	gtccctnnct	ccctgtgctn	gcactgccct	agatccgcct	gcatttatnt	540
ttanctgtcc	tttgcctctn	tgtgcccatt	tgcattctgc	ngctgtgaac	aagtnggttt	600
ggccctttta	tgcnnaaatn	ggttaatent	tcatttnatn	anncattttg	cccanccnacc	660
taaaaantgg	ggaaaaatnt	caaaagcntg	gggaactggc	cnntcaaanc	ngnnnnntnc	720
tggcggttcc	tngctnttng	ccctcngttc	ccttgcaagc	cnttntccca	nccanccntn	780
cccccaangc	cnncttngaa	cncttnncnn	gcenttanca	anc		823

<210> 3648

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 3648

nnctaacngn	tnnttaaagg	agntcgannt	ngcctaacac	aaataggctn	gggggaattc	60
ggcacgagtg	agtacttatg	aaaaattgtg	agaaattcat	tgtgtgggat	tttcaccatt	120
actacatgta	tttgaaata	aaaattgtat	gactatgtat	atgaaacttg	ttcatgttct	180
aaaaaatacc	ctccatttat	aatatgtttt	taaaatttgc	cactgagaag	tacaaatttc	240
cttcttattt	catcttagtt	atcaaccag	agtcactgga	ggcaatgcag	tgtagtgggt	300
aagcgtgcag	attctgaagt	tagacaagat	ttgggttggg	atcctgactc	tgccacttac	360
tagctgggta	ttcttgaaa	ggtcagtttc	cccatccgta	aaatggggat	aggaatggta	420
ccttcctcat	atgattgntc	ttttttttta	gatttaatga	ataccttgat	gtattogtca	480
cagtacttgg	gcatagtaag	tgttcgataa	atacgtantc	ccctgtgccc	ataactgtaa	540
tattttacta	gcactaaatt	tgtctactaa	ttcttttggg	tagagaatct	cccttggtta	600
atgactattt	tacagaatgt	tttgaactcc	aatcaagcc	taccacgatt	aatnatatta	660
agaattttat	tttaacttta	taagggtctc	taacagtang	ttaacccaat	tttaaaangt	720

gaaattcaan gtgttcccta ttaaaacccc tattcctgaa tgtanataat ccattattnn 780
nct 783

<210> 3649
<211> 827
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(827)
<223> n = A,T,C or G

<400> 3649
ctaattnnng gtantctgng ttctttccgn annanaacnn nctnnggcga attcggcacg 60
aggttccctg ctctttgtat tttggctaaa ggcggtgaag tgagaggcgg agggggattt 120
aaaaccagca gaaaaaggct tcttggtggg ctgatggtgt ttgtgcgaga agctgangtg 180
ggcagggagg agagcctang agagcggtag ggctcatggg caggccgttg gtgtacgcct 240
tggccctgcc tgtccccagt cccaccactg tggactccag gccatcctca gtccaggtgg 300
tcaactgtggc ctgggccaca tgcctggcgat gacggggatg gccttccaca tgctgttct 360
ctggaagagg ggctcgcgtt gtgcccact gggaacgtcc tgcccccaac cccccaaaac 420
gctgctttct tctgccctna agaggccct cagaagagag gaggctngnn tgaggggcnt 480
tgagataaac ccgaaaggc cggnttccctg gcttcgtgtt taaaactca gtgctgcttg 540
cnaagtgtt tgnctattgc attnataatg accaacancg nttggttgac caenttgatg 600
gnccganggg gtgccangca cttgttccca agggccncac ttctgtgttg ttntttggtc 660
cgnttaattc ctncctgaca aacctattta caccgggttc ntcttcnnc tntcnagcna 720
anccccaatt ntgcaacccc ggnggaaaac tnaangncn caccggattc accaaaaatg 780
ccnacnaacc ttgntatttc caancctn ancctctct gnncccc 827

<210> 3650
<211> 776
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(776)
<223> n = A,T,C or G

<400> 3650
ntacnnatan tntcgnngnn actcgnnctn tcnaacnca ncnnggctgn ggcgaaattcg 60
gcacgaggtg gcccaagggg ccacaataa ataacacagt cactcctatt ggtacagcaa 120
tgccaagatt tagaagttat ttcataggag ctgggacaaa ggtcaaacct ctctttgggc 180
aagaccgtat tctttattgc atagctttga aaagagattt tgtattaccc aaacatttat 240
tttaaaaagg ccccccata tatccatcac tcgaactgta catttctaaa tgtacattga 300
cctttggtat attagtctag caatccagat tttgcctctt gttaagcgta tcagggctct 360
ggcaggaagt agacgacaca ctgaaggata actgtcaaaa gtttaatgaa gagactattt 420
acaaaggtgt gggcaaagtt aagggaaca acaagtaaga gatggtgtag catcttagac 480
ctagcaacag cagaaaataa ttgccactcc taactctgaa gagataagga gaggaatac 540
ttagcagaac acagcaagat tgattagtaa agcacagagc tcctgacgag gagatgtgac 600
cttcaggaga ggaatactac cccaagcta tggcccagca gggaaagagc ataggttaata 660
cattctctga ctcccacttt ctgatttctt ctagtagctc cctttggcca aattcaactg 720
attattagag agtaggaatt ccagttgctg cagtccatag aggttagtct ccnat 776

<210> 3651
<211> 776

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 3651
 gtactaatat ntnaagntnc tegtncctttc cnaacncanc nnggcggngg cgaattcggc 60
 acgagatgtt ttgggaaata gcttgtgaga ggtaagaagg attgcaaagt tttccaaaa 120
 tattttatga agttagtga gtcagttgaa atgtgtatgt aaacatttga agggatacag 180
 ttaacatttt ttaaatgaga ggaaaccatt gtctgtagtt cagaaataag atggagtgtt 240
 ttacttattt aaggggtaat ttaaaaagta aacaaaagca ttggcctaca agagaaaggt 300
 gatgttggat tataagtgtt ttttctaate gttaatatta atcaacaggt gagtatattt 360
 tccgtttcca agcagttatt aatttacatt ttctcaaat ataagtagct tcctgcttct 420
 ccaaaagtga ggcttaagag gatggctatt tcatcataaa ttagaaaaac gactacaaat 480
 atgaaatggt taattttttg gtactaagat aatgagacca tccagaattt tatgatcaaa 540
 acatggcttt taccagggga gtatctgtag ttgagccact ggctctataa cattgttagt 600
 tctttgtatt tcccaatgg aggttttacc tcatggccat aaaaataaaa gaggggtgaa 660
 tgtgaaaata actgcatttt gaacatctca nacccttcac tcataaaaat tacttaatgt 720
 tcctcttctt tgaattacat atttttccat tgtaataaaa ttctgtttt gaaann 776

<210> 3652
 <211> 846
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(846)
 <223> n = A,T,C or G

<400> 3652
 naactaatna ccangaccnc nanntngcct aaanaaaagg ctnggggggat tcggcacgag 60
 ggggcttatt tcatccctac agtctcgacc atagaagaca gctacacca aggggggcat 120
 ttttagaggc caccctcagg ggcacattct cttctcagg gatgttctt gctgagaaaa 180
 agaattcggc gatatttctc ccatttgctt ttgaaagaag agaaatatgg ctctgttccg 240
 cctggctcac cggcggtcag agtttaaggt tatctctctt attccctgaa cattgctgtt 300
 atcctgttct tttttcaagg tgcttagatt tcatattgtt taaacacaca tgcctacaa 360
 tttctgcact taacacaatt atcacagggt cctgaggcga catacgtcct cctcggtta 420
 cgagatgaca ggattaanag attaaaacag gcatangaaa tcacaagggt attgattggg 480
 gaagtgataa gtgtccatga aatcttcaca atttatgntt agagattgca ntaaagacag 540
 gentaagaaa ttataaaagt attaaatttg gggaactaat aaaatgtccn tgaaatctta 600
 aaaaanacta ntcacactcc nccncaact nannccccac nctccnntnc cntcnccn 660
 accctnnnac tcnctctctc cncntnnac ccttcccc nnntentccc tncctctct 720
 cncctnctct cctctnctct catnccctc actcctctct nncctttcat ntctcanen 780
 anntcnncct cmtnttctnt ncnctctacc ntncatnn cnatnnctcn ntntncttc 840
 tctctt 846

<210> 3653
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 3653

acctattant	ntgatgtcga	nntnnocetaa	ananataggc	tggggcggaat	tcggcacgag	60
gcggggaccct	gcctctacta	aaaaattaaa	aatagctatg	catggtagca	catgcctata	120
gtcctagcta	ctgaggaggc	tgaggtggga	ggatcacttg	agctcaagaa	ttcaaggctg	180
cagttagcta	tgatggcact	actgcacttt	agcctgggtg	acagagttag	accctatctc	240
acaataaagt	aaaataagaa	ttaacacact	cataataact	atttagttaa	taggaaactc	300
tgtttaagcg	atattgctta	tattttctct	tcattgcttt	gtagggtctg	actcatcctc	360
tcaattatcc	acagagtata	ttgttagtgt	tttgtttaag	ctacctttta	cactcaatta	420
aaactattta	ctggaagtag	gctaaggtna	tgggggtgaga	atagagatgg	tattatatca	480
tgaaatctac	ggaagagttt	gtagtctntag	ttccctgcc	cccacagagc	ttattactct	540
tgaagaagct	ttgacnaatt	ctacatgact	tattccctct	actttaacaa	gacctgctat	600
actaaaacta	taccncagtt	tttccaagag	aatantgctt	ctaaattata	ttanctctgg	660
ntcccatata	nncnmanca	ttctctcctt	tctcttatct	naaagttagn	ttntnattan	720
gactcttntg	ancatatnnn	nttanmntnc	gnncnccgcn	atantcnggt	tccctntggg	780
ct						782

<210> 3654
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 3654

gtacctatcg	tntcgtgcat	gtcgnantng	cctaactana	attgggttngg	gcggaagagc	60
tgaagagtag	gaggtggcag	gactaactaa	aagtgggaca	gtcacttggt	atagtgaagg	120
tagaatggac	agaattgggc	aactaattaa	gagggagaa	cctctaggag	aacaggagaa	180
cgcattccaaa	cctggaaaac	caggaagaga	agatccttgg	tgagaagcag	tcaatgagtt	240
tgctttggga	tatgttgagt	tcccaaactc	atcatgaggt	gaggcttcca	ggtagcaaat	300
gaatcacttg	agaccaggag	ttgaggagca	gcctggacaa	catagcaaga	ccccatctct	360
acaaaaaaaa	aagattttta	attagccagg	tgtgggtgta	tgtgcctgta	gcccagcta	420
cttaggaggc	tgaggcagga	agatcacttg	aaccagaaa	tttgaggctg	caggtgagct	480
atgatcacac	catagcactc	cagcctggat	aacagggtaa	aaccctgtct	cttaaaacan	540
acaaacaaac	aaaaaaccac	caaaatcctt	atgtatctgg	tactatagtt	gtctttctca	600
ttttacattt	gacactgaga	gacagagagg	ttgangagtt	tgggcangac	acacagctna	660
tacatggtag	agtcaagcct	tgagttcang	tctnctggcc	ccttatttcc	accccgaaact	720
ttcaccatta	tcatattgtc	nggnangctt	ggagactctt	gaatcccttt	aactcacccc	780
t						781

<210> 3655
 <211> 1017
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1017)
 <223> n = A,T,C or G

<400> 3655

gaactaatnc	ctcncnnngt	ctaantngcc	naacnngntn	gngttingggg	nattgngtaa	60
tanantggca	gntaccaaag	atggntgtct	nnagttntcta	aatgacatgt	tgatcgngt	120
catgatatct	gcaaataatc	ttgtctttct	tnacctnaga	acaaatgtna	agcattgatn	180
ggagcanaca	caacagttac	gaantntnct	gcntggcaac	tgactnaaag	cnaatntact	240
antctcttta	aacttccaaa	anagtatnca	ntactacngg	atggntctct	atncacangc	300
nettingtctg	tnacntcnan	natntcacnt	atctaanaan	ananntcnna	atgatnaatc	360
tcaacnacnn	ccaanannaa	gttnncgnac	cgtggnnagtn	gtncanenta	anttganegn	420
cacttgectt	tnctntcccc	aggcanacga	atattntctc	ctttttaagc	centccangg	480
cncaacggct	cctncnntcc	ncanategca	aagnttaann	annntctct	nccctcttca	540
attantcact	accttcaaac	tcnctcanen	cattnccgnc	cctcctctc	ngentcacct	600
cgtcaccenn	tcttctnca	agtnncctct	nntaancenn	acnntttccc	nnnaaccctc	660
ccnngnttcc	tnnactcact	gnntctcatt	ntctccctct	nccctncaa	annnatnctc	720
cctcnntant	tcccanctct	nactccagcc	gctancacac	ntctcgetca	catctaatec	780
naegnccattc	actnctctcc	ganatnanen	atcgcgnta	tangngaacc	taannnctat	840
ctcacnctnn	antctcncta	atnccanenn	taancntttt	gctncagcac	anacacntct	900
ctctacactc	ncnatacnac	ttntanccat	ttntntanta	ctccatctac	anactctctc	960
atnncaccac	ncatctctna	tacaacnctc	ctntctctct	ctngctanca	cancact	1017

<210> 3656

<211> 908

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (908)

<223> n = A,T,C or G

<400> 3656

ntaangnntg	tactcgngnt	anctngccta	aatananann	gttnggggng	ctgggtgtng	60
gtggattaca	cgcgtaggcc	attgcaccca	gccttaaggg	accaggactt	tatctttnta	120
cctgtctgta	ccatctttag	ctttttatct	ttttattctc	atgcttttgt	tncttcatga	180
tgtaggatg	gctgccataa	ctccagggna	tacaccaatc	ctctaaacaa	gaaacaaggg	240
gntgagacaa	aacactctga	gaaggttntc	ngggaacaaa	agacctccaa	gctgactctg	300
cttnataact	cattggctna	aactgagcta	tatgcccata	cttanagcaa	tcactgacaa	360
aggggaatag	caccaaaca	cctctggctt	atcntagatc	aacctcgatt	nattntctg	420
ggtttinggg	tggggccttc	ttnacctgng	aagcaaagaa	cctcttgcca	gcttgctccac	480
ggctactcan	gttcnntnta	cccaacaann	ggctatnggg	ttagtgacta	acttnccaca	540
gcncngcana	tacatttcgt	atagtaacnt	ntttccaaga	ncttntaan	ttcaccctn	600
gaactatccn	gcancanatn	annnctntn	ctanttnnat	cannntggtn	tcaaactcan	660
anggnntttc	annccaannt	nnntntntct	nacatnnccc	nnccctncaa	ntcccnccc	720
gtctcactc	ntcntccacc	cctnnacccc	ttntcaanac	ctctacntnt	tcangctnctn	780
cttnccnnnt	nntccctcat	nanctcactc	ntcactntnc	tctccnnccc	nncantaccn	840
tctctnnnnc	gtcctcctct	ctnnntccct	ctctctcanc	atatcttccct	tnncatctg	900
tnnccncc						908

<210> 3657

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (848)

<223> n = A,T,C or G

<400> 3657

aatcncngta	cngngcgan	tngcctaaan	anaagggttg	ggggccctct	gcttctctggc	60
tgaccttggt	gtggccctct	gatggcacta	tgtgtcctct	tctctgagct	ttctgaggat	120
gacaagccgt	cttttcaatg	ggactccctt	ccagacctgt	tgggtctcacc	atactggaat	180
catcataaag	cctgtattgt	aaaacatcat	tgggtgntaa	agtttgcaca	atgctatggc	240
ccccacatta	agggagtctg	ggtgagatca	ctncattgcc	cctacttctc	tgaccanaaa	300
acacaagagt	tcatgggaga	caataataac	aacaacaaaa	acaatacaag	aacacantng	360
tacctcntta	ttggcacant	aacttttcaa	angetggcat	gaatnaaaag	nneccaagtc	420
ncaagacnag	gtgnnctgga	nccactgctc	agnactttcc	gacagccnac	gaaagcacat	480
cnaatgaaca	angccttgca	ttantgggac	gnttnnngat	atacanccca	nggaatcatg	540
cncctgttag	tccangggga	cnagccctnt	nccatgcnc	cnctantget	caaaccnntc	600
atnggcant	tgtcncattt	cgtacnnng	tnggccctt	naatgaaata	tcgaancaat	660
ttnttaaacc	cncncnggc	ttattgnnac	tttctnaaan	ncccatcncc	cttgncttca	720
tannncntnn	ctcgccttg	nttgcaattc	tccctngcn	ggacntctaa	tgcnnntcaa	780
actcnancgc	nnnnnggtcnc	aacacttttt	ancntanna	caggggntta	gncccaanat	840
ttccnacc						848

<210> 3658

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3658

caatgcncna	accaattant	aagntactcg	nnctttccgn	acncancnag	tgcgngggcg	60
aattcggcac	gaggctgagt	atTTTTTTca	agtgtatcat	tgccctgtta	acttaaaatt	120
ctatTTTTcc	cctaattcta	tgtcccagtt	ttgggttagtg	tgctctggga	TTTTtgaccc	180
attccatagt	aatagttatt	actactacca	ctacagtaaa	ttcttacaag	aactttccat	240
gtTTTTtggg	aggaggagga	ggagtagtta	cattcaggat	catatacata	attgttttagc	300
ttcagttctg	tatttatata	tgtcacttgt	aactgactgg	gatacgttct	gagaaataca	360
ttctcaggta	atTTTTgtca	ttgtgccaat	atcatagagt	gtacttataa	aaaccaggc	420
tatatattat	aacctattct	gggcttcaaa	cctgtacagc	atgttacttt	actgaatact	480
gttggcagtt	gtaacacaat	gataagtatt	tgtgtatcta	aacataccaa	aatatagaaa	540
aggtacagta	aaaataagtt	taaaaaaaag	gtacacccaa	ataatcttat	gggaccactg	600
tgtatgtggt	ttgatgtcat	tatgcagtgc	atgactgtac	tataaatgct	tatggccagc	660
cctTTTTttt	tttgaggcag	agtcttgatg	tctcgcccat	gctgggagtn	cnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	775

<210> 3659

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3659

aantnctnna	acttatnntn	tntngacctc	ganctnnct	aannagnnng	gntngggcga	60
attcggcacg	agataaaggc	ctagtttttg	tatcccaata	gattttttacc	aagcttcccc	120
tgaagaaagt	ttagaatgag	catgatggga	aaaggggagaa	attgtatgct	gcagatagag	180

ggaggaaaagg	ccaactaggt	ccaacaagta	aaaagaggac	tagtctcaaa	ctattaaata	240
tatgatttac	ctagcaaaaag	ctttaagtc	cagctgaatt	acactgggga	aacaattaca	300
gactttacaa	tggaaagaag	catcttcaat	gttggtgca	atcactgaca	gcaggaatac	360
tcacttttga	aaaaaaaaat	tggctattgt	tttctgtttt	ccacatctta	gtttaatatt	420
atgttcctca	aacactatga	agttgagaac	tgaattgatt	acctgggaaa	ttctggtgaa	480
actgaggtgt	ttgtttcatt	aattatccat	gtcatttate	ttcttaactt	aatcaacct	540
aattttagcct	gaatattatt	tgttagggac	tgaagacttc	tagagagcag	agagcacctt	600
tttttaatta	aacaaattcc	tttgataata	ttttaatgtg	actcaagaat	ccagcactat	660
ctatatatgg	acccctctgc	atccatgaaa	agaagtcctc	atccaattct	gtgaatatga	720
gactaaaata	caattccaat	tatgaggnat	ttntttttaa	gtcctaattgc	aggaagaa	778

<210> 3660

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(792)

<223> n = A,T,C or G

<400> 3660

ctaacttatn	tntctaganc	teganntngc	ctaaananct	aggncngggc	gaattcggca	60
cgagcactac	atgaagtcg	gggtttggtt	aaaatatctg	tcttatattat	gaaaggctga	120
aaagagaaaa	gagctattca	ctacccgaga	ctataagttt	tagctgataa	aaacacagcc	180
tcatcaatag	ctattgaatg	aagccacttg	ctgagtcagt	aactgaatgt	ctatgtatga	240
tatttccagt	atcatgatta	aaatggagcc	ccgaaatgtc	attataaggc	ctagttgtgg	300
actggggggc	cagatggcca	agtgggagca	actctgaaac	cattaaatat	gaggagagag	360
agaaattaaa	aaccttttct	attcaaaaaga	aacctataac	ccaaattcta	aaatttatag	420
agacatataa	tattaatata	acaaaatcag	ccacaaaaac	attcatttct	ctggatgaaa	480
ttaattttat	ggagcagttc	aacaaagact	ttatttttaa	aaataaatta	tgtatttatt	540
tttgactagt	aatagatgca	tgtagtacaa	aattcaaaagg	tacaaaaagg	gtaaacagtg	600
aaaagtaagt	ctatctccac	ctctttccac	tagccacca	gttccctnc	ccaaaggcaa	660
ccactgttac	ccatttcttg	ctatcccttc	ctaaggataa	attggttgca	ttattccaaa	720
cattatntan	tatatacacc	acaccacacn	actcaccaca	tatggtacca	tttttttatt	780
attcaaatgg	nn					792

<210> 3661

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3661

ctaantnctgn	acnaatnggn	tnngctactc	gtnttttccg	naanancnag	gcggtgcgaa	60
ttcggcacga	ggtgggctct	cccttaaaga	cacatggcca	cagacacctc	cttcgcatat	120
gtaatatgcc	ttcccttgcg	gccttccgtg	gtcacagcaa	cagggactgc	tcacccctc	180
cagctggggc	ttttctaaca	agcacagtca	gaaatgcgca	ggcctggggg	tggggatgaa	240
cagaagttga	ttagtgggca	cagaaatata	gttagataga	aggaatagtt	ccagcattcg	300
atattacagt	agggagactg	catttaacaa	taattgattg	tatatattgaa	aacagctaga	360
agaataagaa	tattccaac	acaaagaaaa	gataagcgag	gtgaaggaaa	tcccagttac	420
cctcattcag	tccattacac	attcgatata	ggtatcaaaa	tatcataggc	acctcaaaga	480

catgtacaac	tcttaattta	acattttttga	aagaaaaaaa	aaccggccag	agcattaaaa	540
caaataaaat	aagaaacaca	gaggccagtg	ttaggtgaag	aactccgctg	cttcagaaaag	600
agaatagcag	cgctcgctta	ccgtgggaac	acggccagtt	aacaaaatgg	gttttggttt	660
tttgnnttgt	tttgttttac	cattggtaat	aagatagtta	acataagtgg	tcagaacttc	720
gcttgaattt	gtataaagca	ttgtttaagc	gtgtaaaagt	ccaaattaaa	agtcttgaa	779

<210> 3662
 <211> 805
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(805)
 <223> n = A,T,C or G

<400> 3662						
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gcagctccct	caaagaaaag	agaactagga	aaatgttttc	gccatctccc	aaagatgata	120
ggaaagtctt	gagcagggtt	ctgggtatag	ccccttgtga	gaaattcaag	gcccattcaa	180
tgccatagat	gagttatata	ttccaaattt	acactactta	tgtaggtgta	gtaacctcca	240
aatcaataaa	ttaatatata	attggcccg	gactggtgaa	acctagagtc	ctgtcagaag	300
caaatacaaa	gcagcccttt	aacaacagtt	ttaaatttag	ggccttcaag	acccccagct	360
gaaaagaaa	tctctactga	aagtgaagtc	acaatttaac	aggagagana	nagaaagata	420
cactgtgaag	gatantcaaa	agacattgca	nanaggagga	ctggtagctg	ccccaccccc	480
cactaagagc	ttaagatana	acagcctgna	tgagactatg	aaatatnttt	aanntgatga	540
aagaaaaatg	tcacctntcc	ttctttccca	gtcaagacan	gnngnatccc	ntttgnntaa	600
ncctanaaan	tacctgtgtg	agatactnnn	nttgatcggt	agacgccnat	agtcaaacct	660
cttggangna	aaactanaca	ttcttcnatin	ctttnaantt	ccccccccc	tcnggccctt	720
gtcttcccan	attcacctaa	cttccccttg	gttgccccc	acttaattcn	acngcccntt	780
nttttttcac	tcctaacnng	gncct				805

<210> 3663
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 3663						
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cggcacgaga	aatgctgaat	attggtaaca	agcaacaggg	gaaacaaggc	agtctgagca	120
cacagaactc	aagtcctcct	aatgggatcc	cagaatgcc	atggaggaag	cagcatgtgc	180
actgtgctga	gtgctgagca	ggatttcaag	agagcaaaag	cagagatgct	ggacagggca	240
gcacaggagg	acgagtgtgc	atggtcactc	tgagcagggc	tggttcctgg	gctggttgga	300
gcacagcatg	gggaactgaa	aggcagacac	tggccaaaga	agtccttggt	cagggcttca	360
gaagtgaagc	tcacaagcca	tcctaggcca	cactgccatc	aagccccaga	cctctacatg	420
cccatttggg	ttctttccag	ctcatatagc	ttcctaagta	ttgtggctaa	cagttccctg	480
acttgaattc	ctagtctctg	ttaacagttt	tctaactttc	aggaaaaaca	agccaatttc	540
taaggaaaag	ggctgtgctt	cagtcaggag	tagtccgagg	tagacatcca	ggacagtatg	600
acgcaaaagg	tttggagcgc	aacaacccct	tgcggttatat	agccatttaa	tgtaacctgt	660
ttgtgtgagt	tcatacctgg	ctttgagcca	ctattgtctg	tgagtaatat	aactgcactg	720
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<210> 3664
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 3664

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nttcattctac	accagttntc	ttcacctgct	cctaacangt	acaccagcta	ncagtcncac	180
cnacngtaac	agtggccttn	tnacnggtaa	ngatgctgtg	tgaaagggct	cagcaagatg	240
acgaaagacc	tgetngataa	gctcnagnaa	ttngcnga	acctgccncc	tnataccntn	300
natganctta	nngannaacn	ngngngnnet	nctaacgtgg	ntgagatgac	tggccgctgg	360
gacgggtgtg	nnanctgoga	tgatggacgc	atgtancctn	atncangntn	tgnactnnan	420
gngcctgtgg	aanntcnega	ngttacncgt	gctcagggat	attatngatg	gcgnttacnn	480
tantgctggn	atccatcatg	ctggngaanc	nggtatnaca	ttacatctgn	tnngagagct	540
tgccatnata	ggcgangntt	tcatatgact	ttgggaantg	nccttgatcc	gctacntaga	600
ncngetntaa	cagttgggga	ccctnnntga	natcancnca	ggttcctgtg	gnggagattn	660
cctacntgaa	natgggcnct	gncggagcta	acggaanato	ngngtancnt	tgctgctang	720
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<210> 3665
 <211> 815
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(815)
 <223> n = A,T,C or G

<400> 3665

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gttatgacat	atgtaataca	catctgtgta	cacagaaacc	ggcacctgcc	agacagagct	180
ggttctaaga	tttaatacag	tgcttttttt	cctcttttgaa	atattttact	ttaataccag	240
tgctttttct	tggtgaactt	cttggaaaag	ccaccaattc	tagatcttga	tttgaattaa	300
tacacacaat	atctgagaca	cttacacttt	tcaaaagatt	tgtgtatgca	ttgcctaatt	360
agagttaggg	gagaagggca	actattatta	tcctattttt	acaaaactga	ggcttantga	420
ggttcagcca	catgcctaga	cttatatact	agttagtggg	gcagccaggg	agaggactca	480
gatttcctgg	aggcaaagtc	tatctctgaa	actccatgaa	gacttttgca	gccagttccc	540
accaatatgc	ccccagacgt	gagacaaaca	aggacttttt	ttttatatag	agccatccat	600
naaaatccta	agcccctttt	attaatgtat	aaccaggaag	aaacattttg	tgccaaccgg	660
tttggacttt	tntatggcnt	gagaattcgg	gnaaggaagt	gttgaccccc	aagccangga	720
gaaggaaaga	antgganttt	ncntttgtcc	tttaaggggt	ttntaangnn	cattgggtttt	780
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<210> 3666
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 3666
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 gtcttctcag aaacaaccag ccttgaaggc tacaagtgc aagaaagatt ctgttttcgaa 180
 tatacccaca gaaataaagg atggacaaca atctggaaca gtgtcttctc agaaacaact 240
 ggcttggaag gctacaagtg tcaagaaaga ttctgtttcg aatatagcca cagagataaa 300
 ggatggacaa atacgtggga cagtgtcttc tcagagacaa ccagccttga aggctacagg 360
 tgatgagaaa gattctgttt cgaatatagc cagagaaaata aaggatggag aaaaatctgg 420
 gacagtgtct cctcagaaac aatcgggcca gaagggtata tttaaaaaga agtcttctct 480
 tttgaatatt gccacaagaa taacggggcg ttggaaatct ggaacagagt atcctgagaa 540
 tctgccacc ttgaaggcta caattgaaaa taaaaattct gttctgaata cagccacca 600
 aatgaaagat gtacaaacat tcacaccagc agaacaagac ttagaaatgg catcagang 660
 agagcaaaag angcttgaag aatatgaaaa taccagccac aggtgaaaaa ccaaattcat 720
 tctagggatg accttgatga cataattcag tcatttcaac agtcttcaga ngat 774

<210> 3667
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(733)
 <223> n = A,T,C or G

<400> 3667
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 gnanaaagna tcnctggcn anntctatca tgnatcagct aaggatttgc caacngaata 120
 ntntcnatc cttcantcat gacacntcac atgtcaagng nagaaggtag ancgtnaaa 180
 tgctatancc ggcnaatnt aggagttctt ctctggctcg gttgctaaag cagtgatctg 240
 ngtnancccc agggccatca ctgtgcatgt ncccatgccc tnaacngnat tcgagcacat 300
 actgattnac tanaaggagg ngnangncca gcagnaacan cnaacgatga cattggccnn 360
 ganctaccnc ntgnncgatg ggaaaatggt gaanntncnn cgcacccnga atgcgcnagt 420
 tnntgtaact cantaccaan tgctcagcag cactctcttc tctnctcgt ggagcttcag 480
 cccatnantg gaatanaaca tcnctnaga ntncactngn cttttggatt gnattgtnc 540
 atccttggtg atcacaatnn ctgagactgg aataggctgc cccccaaaac tgtctgtggc 600
 accctgaaaa agctggggct aaacagncaa ggccgntcat ccccttgnt gaccncgnat 660
 tgtctgctgc tgggttcgga cgaggactac tnnngtgaan tntccttctg tggcatgatg 720
 acnctngtta aga 733

<210> 3668
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 3668

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gggcccacac	tcaatgcaca	tatcantgcg	canagcncta	aaatttccagg	caacactttg	180
nttgagagan	gccaaaat	tggncaggcc	ctgggacatc	taaagtcacc	aatgtaacta	240
caccatacag	attaaaccct	cacatgatca	tgttaagctat	gcagttaccc	aagctgcac	300
atttanaaaa	cctgtcagnt	nttatggaaa	ccatccctag	tcaaggacac	tttaaataatn	360
tagtctaaa	accgttaang	taggcccact	agctgtgttc	acattatccc	ttggccacct	420
taccagggac	tnnaataact	tgggaaaagt	aaaacaacaa	gctnaccac	atgttcacca	480
tnnaaancan	ttangtcttg	aaaaacatgg	actctttttn	ccgtgtggga	ccagtctcta	540
cttatgtgtt	accagccaat	tggactggaa	cctatacagn	tggggnnatnt	agcccccgaa	600
attaatatag	ctcccaacaa	ccaatccttc	attatacttt	naactgnnaa	ccaccanaca	660
caaatanacc	atccaaactga	taccactttc	ngtngaagct	anggaatacn	cctngaagtc	720
tgantgagag	tttcagncct	tgcngctnnc	ctatcctatt	accannnggt	gnct	774

<210> 3669

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3669

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tgttaccatt	atgggaaact	ggaggaaggg	catatgggac	ttctttgtac	tgctttttct	180
attccctgtg	agttttataat	tattttataa	taaaagtcca	aaaacactta	ttggatggac	240
atcacagaac	ataatagaag	aaagaatcag	tgaattatag	gtctgtttaa	tagaaatgac	300
tcaaactgac	acacaaaagca	aaaagaatga	agaaaacaga	acacagtgtc	tgagactttg	360
tggaataata	ttatataaaa	ttatctaaca	gtcacatgat	ttgacctca	gaaggagatg	420
aaagaatgag	atagaaggaa	tatttgaagg	aataattgtt	gaaaatgttt	ccaaattgat	480
gataatgtca	gctcacattc	ccaagaatca	cattgaaccc	tgaccaagat	aaaccaaaga	540
ggactacatc	taggctcatc	atagtcaaac	tgcttaaaat	caaaactaaa	gagaaaaatc	600
ctaaaagcaa	ttagagaaat	cctatatagt	ccatgttggg	aaacagttac	atcaatgtgt	660
gctgacttct	catttgaaac	catagatgcc	attagacagt	ggaacaatat	ttttaaagtg	720
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<210> 3670

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(814)

<223> n = A,T,C or G

<400> 3670

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cgactgccc	ccttcacgct	gtcccacctg	gagagccacc	gtgacggcca	gcgcagcagc	180
atcatggacg	tgcggtccc	ggtggattct	aagaccctga	cccgtaacac	gaggatcatt	240
gcagagggcc	tgactcgagt	catctacaac	ctgacagaga	aggggacacc	cccagacatg	300
ccggtgttca	cagagcagat	gatccagcag	gagcagctgg	actcggtgat	ggactggctc	360


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accaaccagc cgcgggccgc gcagctggtg gacaaggaca gcaccttctt cagcacgctg      420
gagcaccacc tgagccgcta cctgaaggac gtgaagcagc accacgtcaa ggctgacaag      480
cgggacccag agtttgtctt ctatgaccag ctgaagcaag tgatgaatgc gtacagagtc      540
aagccggccg tctttgacct gctcctggct gttggcattg ctgcctacct cggcatggcc      600
tacgtggctt gtccagcact ttcaacctcc tctacaagac cgtccagagg ctgctcgtga      660
aaggccaaag acacaagtga ccacaagcca acccccaaca agcccggnag cccccgggcc      720
ggtttcaaca agtccccctg ggggcccgan gcaccgaatt gaaattggga caacttggcc      780
ccgnccgcgg ggcnngnccc ttgcaanggg acca                                814

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<210> 3671

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3671

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ccagagtcac tgagagtctg tnccaaaagc tacatgaagg ccatgggaaa aaccgcgggtg      120
ccattttttc tagtggggaa caaggcagat ctctctccag agagagaggt acaggcagtt      180
gaaggaaaag agctggcaga gtccctgggtg gcgacattta tggagtcacg tgctcgagag      240
aatcagctga ctcaaggcat cttcaccaaa gtcacccagg agattgcccc tgtggagaat      300
tcctatgggc aagagcgtcg ctgccatctc atgtgagccc ttgggtgtgg ggtaactgcc      360
ttgcttctgc ccccggcact tgccatgttc cagtgggggg cagatcctca ggacttcacg      420
ggtatggttg ccagctgtgt tcctggcccc tggacacaca gtgtggcatc ctcattgtttg      480
cacactttcc ccaggctcca gtggcctgga tgtcaatgtt tacaaagggg caaggacctc      540
tcattggacac tggcctctac cctctgtttt tgtttgatga attctgttat aacctatggg      600
gtcaggatat gagtcctggg cattatttat ccaggaccca tcctcttggg tgggttttgg      660
gtgttggctg ggtaaagggg agccggggac ttctgaaata anctggcttc ctggggtgac      720
aatgnatata tgcaaaataaa ttgagaaatc ttttaaaaaa aaaaaaaaaa aaaaaa      775

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<210> 3672

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3672

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tggatgatat atggtgaagt ttttgttgaa actaaattat gaagtctgat atatttggat      180
aaaaataaag aattgctttt cttctccttt tgctgatttt ttgacacatc attctaagca      240
aatcatctc agcttcgtat atttcagcct gaagtacttc ttaccaaagt tgtttcatgt      300
aacatttggt caatatgttc gtgacatgtc tctcagtaat gaaaagttat gcattttatt      360
gaatgaataa aaacctaac tctgctatct ccatttctgg aagttgtaag agctcacatt      420
aaagacagta aaagtcaatt taagccaaga tcattttcag cccaccaatg tcatggctat      480
tggaaaggaa aacctaatgt gatcattgaa ctatcataac aagtggaaac tagaactttt      540
ttatagcatt tcatgatata aggtcctgtt atagtaagat atttcattct atttatcaaa      600
atggtgtaaa taaaagaaac acaattattt tggtaatgct tatcttcagt ttaaacattt      660

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attctttttca gaaatatgta aatacccttt gnaaatatat nccaaatgaa aaataaggga 720
tattttaccc attaattatt tctggaaaga tcttatgctg gtttaaatt 769

<210> 3673
<211> 785
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(785)
<223> n = A,T,C or G

<400> 3673
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gcagtgaact atgattgcac cactgcaatc cagcctggac aacacagtga gaccctgcct 180
cacaaaaatt atattctgat tttctgagtc catgaacaca ttgtccaaat ggatttttct 240
agctcctcca agttacagat agttccacgc acacacagaa ctccaccctc tcaaataattt 300
tccccactag tattactatt aaatttttca aacatgcata agatgaaaga attgctcagt 360
gaacaccatg taccaccacac ctatgattcta caattaacat tttaccctac tttctttatc 420
acatatatgt acctatccat ctatccattc ttccatgaat ccatcaattc atctaatttt 480
ttatatattt caagttaagt tgcagatatg tagcttatgt ttcaccttaa atgtttctgc 540
ctggctatta ttaactggag tgcaatatgt ttttggttct tctttatggg aaaatctatg 600
ttcagtgaat tgcacaagac ttaggtatgc cattaatagg ttttggacga atagacaaac 660
cttgngtctg aaactggaan taaaaaaaaa caaacactaa aaaaaaaaaa aaaaaaaact 720
tcgagcctnt anaactattn gngagtcgta ttaccgtaga tcccagacat gataaggatc 780
cattg 785

<210> 3674
<211> 763
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(763)
<223> n = A,T,C or G

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ttagatactt ttggtaagat caatttcttg gtgaacaatg gaggaggcca gtttctttcc 180
cctgctgaac acatcagttc taagggatgg cacgctgtgc ttgagaccaa cctgacgggt 240
accttctaca tgtgcaaagc agnttacagc tcctggatga aagagcatgg aggatctatc 300
gtaatatcat tgtccctact aaagctggat ttccattagc tgtgcattct ggagctgcaa 360
gagcagggtg ttacaacctc accaaatctt tagctttgga atgggctgc agtggataac 420
ggatcaattg tgntgcccct ggagtnattt attcccagac tgctgtggat naactatggg 480
tcctggggac aaacttcttn naaggnctt ttcacaaaat cnccgattaa cgaattgggtg 540
ttcctgagga ggtntcctct gaggtctgnt tctactgtc tactgncct tcttnattct 600
ggacagtcag ngcntgtnga tgggggccng anctctatac ccactcgtat gaggttccaa 660
atcttgacnc tgcnccaang ttccagggga cntnttgnc ggtgaaaana natgnaagng 720
gacttttnaa ggngaanaagc taancttcna acctctggna ant 763

<210> 3675
<211> 772

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(772)
<223> n = A,T,C or G

<400> 3675

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ccgtgtactt	ctcctgggag	gaatggggtc	tccttgatga	ggctcagaaa	cacctgtact	180
tcgatgtgat	gctggagaac	tttgcaacta	cgctcctcct	gggttggttg	tgtggagtgg	240
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cttccaaaga	aggttcatct	tcccagaatg	ccgactcctg	tgaaatatgt	tgcttggtct	360
tgagagatat	tttgcaactg	gctgaacacc	aaggaacaaa	ctgcgggcag	atgtcaaaat	420
acctgtacaa	ttttaaaatg	tcacaattaa	acatgagctg	gtttccca	caaaaanaag	480
actgaagatn	tgcattttta	ggatgacaac	ataatggana	aaattngaaa	tagcatannn	540
aaaanctngg	cccnttaaca	natngngntt	gnnttgcccg	aaatcccggn	nnggttanac	600
cccttggata	ntttgggcaa	cncctnattt	gtntgcentn	nanaaaaaag	ccntttnttt	660
tggaanaaatt	tgggaanctt	ttgggtttta	ttttggaccc	ccttttaanc	nccannaaaa	720
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<210> 3676
<211> 775
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(775)
<223> n = A,T,C or G

<400> 3676

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ccttcagcan	acaggntggc	gacaaggngc	cngggatgan	nangagcacc	actaactccc	180
tnaggtgcta	nacacacata	atgggaagcc	aacattttatg	gaagaagttc	tagaacacct	240
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aggaaatttc	caagtcaaaag	gaannggctg	acaacacacc	tgtgcttatn	tcatancnna	420
cangaggatt	ancaannngca	ancagaggaa	cantgatgag	actcaganat	nggcatgttg	480
aagctaggaa	gaaacagaan	agnntagaan	tgtcaatgaa	atgngcttcc	ccattnaaan	540
acgaaganga	gaaagngana	naacatgaca	aagancgcca	gngccagttt	angttnaaan	600
tactactnga	aagttntacc	cagcnacatg	aaagaacagg	aagaattttt	gaggcttgaa	660
aaggagataa	agggaaaaag	cagaaaaggc	ataaaaaagg	aaaaagctgc	tgatgaaact	720
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<210> 3677
<211> 759
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(759)

<223> n = A,T,C or G

<400> 3677

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tgttgtcatt	agtgtgata	aagtttacag	agttacattt	tgctttccta	accattcagt	180
caggaattaa	aatatggcat	tgtataacaa	ctgggaagaa	gctcatagt	gatataaaatt	240
agagtagata	atgggtcacc	ttgatagcct	ctgtttacat	tacttgata	tgggcaaaat	300
aattattacc	tatacgtgta	tttaagctta	attttcatat	aaacagtatt	tttaattctat	360
gttaaaatag	ataatatcta	aaagtgtgat	ctctaggtag	tccttagttt	attagtactg	420
tcttcaaaaa	gattttttaa	taggtccggc	acggtggctc	atgctgttaa	tcccagcact	480
ttgggaggct	gaggcgggag	aatcacctga	ggtcaggagt	tcgagatcag	cctggccaac	540
atggtgaaac	cctgtctcaa	ctaaaaatat	aaaaattagc	cgggcgtggt	ggcangcgcc	600
tgtaatccca	gctactcggg	angctgancg	aggagaatca	cttgacccaa	ngggcagaag	660
ctgcagttag	nccaagatcg	catcatttgc	actccagcct	angggacaaa	gacgcgagac	720
ttcatctcaa	aaaaaaaaaan	ntnnccnnn	ntnnnnnaaa			759

<210> 3678

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3678

aaaaaaancag	ctacttgctt	tttttgcagg	atcccatcga	ttcgaattcg	gcacgagctg	60
gaagggggcag	agcccaggac	agggctccat	gtccacagga	cggcgaggag	cgaagaccat	120
gggggactgag	tacacagatg	aagacacaga	agcatagaga	ggataagtaa	tcactagcaa	180
gtggaagaac	cgggattcag	atccagaaca	ggctgactcc	agagtcactg	gctgtcatgt	240
agtttcctca	actactgcct	cagctctaca	atccagagt	aaagctcttc	tccaaatgaa	300
gagccaggaa	gaggtagagg	tggcaggaat	taaactttgt	aaagccatgt	ccctgggttc	360
agtactttc	acagatgtgg	ccatagactt	ttcccaagat	gaatgggagt	ggctgaatct	420
tgctcagaga	agtttgtaca	agaaggatg	gttagaaaac	tacaggaacc	tagtttcagt	480
gggtctttgc	atttctaaac	cagatgtgat	ctccttactg	gagcaagaga	aagacccttg	540
ggtgataaaa	ggagggatga	acagaggcct	gtgccagat	atcctgaaaa	tgcccatcag	600
taagttgaac	aagaagaacg	ggagctttta	gaacaagatt	caagatgaaa	caacacaagt	660
gttgaatatt	ttataaatag	ctaaaggcag	aaaacgttgc	caattatctc	agacttncag	720
aagtgaaaac	aaacaaacaa	acaactnaag	tcttaattga	at		762

<210> 3679

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 3679

aaannccngg	ctactngtct	ttnttgcagg	atccctccaa	atgcttgggg	cacgagggtt	60
cagagaaaag	taggcagaga	aaggcagttt	aggagggtgac	acaagaggga	agcctaagga	120
gagagaactg	gatggagctt	cccagggtgat	gacagggttg	aactccaggg	ctataccag	180

ctgagcaagg	agagctttgc	ctcttcagga	gactggaagt	tggggaagac	tccaacaggc	240
ttgtggtcag	aagctcagga	gactgggaag	gaaaagtga	ttcttgagga	gtcctagttc	300
atttcattaa	ttgttcaat	tctttaacgt	atgtttatta	tggacctact	atgttgccag	360
acgctgtgct	agctgttagg	gacacaatga	tgaacaaaat	aggcatagtt	ttttacccca	420
tgagagttag	agggtggtgg	ggagagtcac	taatcaaatg	gcacaaacac	atgtaaaatt	480
accataaagc	gggtgataca	gaaaggcgac	tggtgttagg	atagctaaaa	aagagggatt	540
tcacctggtc	agggtgggtca	gggaaagctt	cttagagaaa	gagggacttt	gggcttgatg	600
aatgaaaggt	gaatttccag	gcaaagaaga	aaaggaggga	ngcttctagg	cagaagggaac	660
ttcctgtgcc	atgatctctg	agaaatgaaa	gattaacaaa	ggccaattgt	aagtngaacc	720
agaattgaac	ccaggaangc	cccaaanttg	agaanaaaaa	ggcccagggc	aagggccatt	780
ncntggnt						788

<210> 3680

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (763)

<223> n = A,T,C or G

<400> 3680

ttcnaatgct	agttctcgnc	tttctgcagg	atccctcgat	tgcaccta	cattaggtgg	60
cacttaatat	tgatgataat	cacttatgga	gtctactaag	atgttttgaa	tcccttctcc	120
cattcaaaaa	tcttgncaac	cctgtgagac	agatatgctc	accttactga	tgagtacggn	180
ggcttggcaa	agtaggtatg	ttgnacatnt	tacacagctn	gtnactgnaa	gantcnntnt	240
catatactcc	cagattcaga	actttaaata	accccatgct	accttctagg	gaaagcttct	300
gctatgtgtt	tggagggtna	ggtgaganaa	aggngaattnn	taatctncca	acatgctcac	360
tcccttttcc	tgctctgtgg	gggatgtaag	tgaataaccc	cagtgtgtgtg	gtgcactcgt	420
taatcttgta	gcantgacan	gtggaatgtg	ggtctgcagg	tggccttggt	atggtgggga	480
taactatgtg	ccttcacctg	tccctacaca	ggcataccta	ccagcttgcg	tttgctttcg	540
acatgtntgg	gcaagngtga	attgcctctg	ctnctctgga	gagatgggccc	ctgtggctgc	600
tntgggaaga	acatcaaatt	ttgcgtncat	ttacatatgg	catnctgtgn	ntntggaatc	660
tatgcatntn	gtgttcctctg	gcttcaaagt	tngtaacnna	tgtggtnaga	gccccaaacc	720
ctacttgtgt	accaaaggaa	ggngettang	gaanaatggc	ttt		763

<210> 3681

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 3681

ttctaagtct	tggctctcgn	tctntctgca	ggatcccatc	gattcgaatt	cggcacgaga	60
gagaactagt	ctcgagtttt	tgacagataa	tagccaccct	aggaggtgtg	aagtgggtatc	120
tcattgtggt	tttccatttt	tctgatgact	gagaatgttg	agcatctttc	cctgcgtgtt	180
gtccatttgt	gtatcttctt	tagagaaaata	tctgcttacg	tcctttgccc	agttttaatt	240
ggattgtctt	tctgttgctg	agttgtcgga	attggttgta	catcctccat	actgagtcct	300
catcagatac	ctgatttgcg	aatattttct	tccataccat	gagttatctt	ttcactttct	360
taatgggtatc	ctttaaagcc	ccaaagtttt	taattttgat	aaagtccaat	ttatctaaaa	420
aaaaaaaaant	aaaacnnana	naaatnnaaa	anaaaaaaan	ctngnncctt	taaancntna	480

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gngngtcgtt tncgtaaatc cnnncntgat aanatccatg gntnanttng nacaaaccac 540
aattnganng cagggaaaaa anngctttnt tngngaaatt ngnnanctnt tnncttaatt 600
tganccattt ataagctgcn antaancang ttaccancnc caattgcttt catttaangt 660
tnaaggttca aggggnaggt tnnngangtt ttnaantnec gggccgaggg cncnaaatgc 720
attgggcccg gncecaantt tngnccentt nanngngggg taaattgccc 770

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<210> 3682
<211> 775
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(775)
<223> n = A,T,C or G

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<400> 3682
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ctataaaaagt cttccattac agaacaccta cacatcagga gctcaaaaac agatatattc 180
tttaaatgtc tagccaacat tttggaaaag tgtgggaaat ccctcagggc caaaaccaga 240
gggagttgga caccagagtg ataagcagac actgaaggca aggccaacct cagggttgg 300
ctcaatatcc tagaacttta cccttgttct caagtctccg tgtggacagg ggatgaggg 360
tacctgggtt ctgctccttt gactatggca tagactctgt agatgtctgt aattgaccgg 420
gaggtatgta gatgactgta tcaagttatc ctctgaccg ggcgcagtgg ttcatgcctg 480
taatcccagc actttgggag gtcaagacaa ggaaggaggt gagctgacag atgtgctgga 540
agagcacaag gaacccacca gtcaggcatg atctcggaga gggcgcttgt ttgggggtta 600
ctcagtgaga cctgggaagg anagaaggga ccttttctgc angacggtgg cctggagaag 660
aagctctttt tccactgaaa caggaggaat ggcgggggaa gatgaatgga tatgtgtatt 720
aattatctat tgctgcatga caaatacgga tcactcaagt ccaggagtgt gagat 775

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<210> 3683
<211> 774
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(774)
<223> n = A,T,C or G

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<400> 3683
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catgttggcc aggttgggtc tgaacttntg acctcanttg atctgectgc ttgggectcc 120
cagagtgtcg ggattacagg tgtaaaactac tgctcctgnc ctgnaatcca ttttatnatg 180
ggaagcacan ttacntagct aatacttggg ggcangagct naagtnanna ttgcatcnnc 240
antaatnntt agaatgaata tanattgaag tcttggggta tcccgcatg attatgtcag 300
atgaaattat gtgatatgca naaggaaggc ctctgcaet tcatgnetnc agctnantnc 360
tacananggn caagggncna tgannaatnn ggangagggn tncctgantn gaatanatna 420
tntntcactc agnttaaagc ctgtaatccc ancacttttg gaaggccgag gcaggaggat 480
cacctgaggt caggagtttg agaccagctt ggccaacatg gcgaaacct ctctactaaa 540
agtncaaaaa ttatctgggt gtggtgggtg gcacctgtaa tcacagctac tcaagtactg 600
angcagaaga atcanttgaa cccaggangc anangttgca ntgaacccga gatcacacca 660
ctgnactcca ncctgggtga ccaagaatga aactcccgte tcaaaaaaaaa nannnnnaaa 720
aaacttcgaa ccttttagaa ctntnnttga gtentnttcc cntnnaacn nanc 774

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<210> 3684
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (755)
 <223> n = A,T,C or G

<400> 3684

atccnagnta	ctcgetctttt	ttgcaggatc	ccatcgattc	gaattcggca	cgagggaagc	60
tccaggcctg	gcggtgctgga	gtcacgagat	gagctgtcca	ggctncatgg	catcgtgagt	120
gaactccgac	cgtggcagggt	gaggcttctg	cacttagctg	gctgtcttca	tgtggggccga	180
ttctgtgggt	agtgattctg	atttctcatc	tgaaaagtgg	tgcatacact	agccccctccc	240
acacttggag	ggttctacta	gtgtgcctgc	gtggctgggt	tctgcacact	cagctacttt	300
agtttcttta	gtctatcctt	aaaaagattc	ctaggtgtgt	tcctgatttt	gaggttccgt	360
ttggtcatta	tgtcttttca	gagttcatct	tttaaaatca	gtctgtggac	atTTTTTTTT	420
tcctcttagc	acagtttatg	gtctcatgca	ggccaacaaa	ttgggactct	gaatgtgagt	480
gtgtgtgtcc	acacaccact	agggcttatt	accttattgt	caatgttatc	ttaagaaaaa	540
gtggaggctg	gggtgcagtgg	ctcatgcctg	taatcccagc	actctcagag	gctgagatgg	600
aaggatgctt	gagcccagna	gtttgagacc	agcctgagca	acaaagcaag	actcctgcct	660
ntacaaaaaa	aaaaaaaaaa	aactcgagcc	tttanactat	agtgagtcgg	atttacgtag	720
aatccagaca	tgatagatcc	attgatgagt	ttggg			755

<210> 3685
 <211> 889
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (889)
 <223> n = A,T,C or G

<400> 3685

gctgggctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	gaggtttaat	60
ctctttaact	atcaaattgc	aatttttttt	ttgccttgca	aataaacaaa	ttacaattgt	120
cattttactg	tgagacaatg	agaaaaagac	accctcaaac	actgttggtg	gaacacaaat	180
tgttaaaaatc	tttctaggag	tcattttcaa	attatgtatc	aatgacctaa	aaatattttat	240
gtctcctggt	cttatacttc	cagaaatcta	ttctacagta	ataaccggag	ataaaaaacct	300
ttacatatata	acatgattta	ttatactgaa	aagtcaaaaac	aacataaata	ttaaaaaatag	360
gagggtggnan	atttcacctt	taaatgctat	gtaggagaaat	acttaaggga	ttggtnaagn	420
ccaatagttt	tngtattang	tggaaaatgc	cngaattggca	tgaatgntgt	acaaananag	480
cnntcatnnn	ttgccactct	tngtcataac	cncntcgctc	ttcnatgcat	nccccattat	540
tacaaaactgt	tcnncnnanac	tcnnenttca	ccangnctcc	ngcnnntncn	annncganen	600
tctnctecen	cancnnnccc	ccgctcncct	nttctcnnca	acctngetcn	ccccncacnc	660
ccnactcccc	ccncttact	ttnnccccacc	natccncgnc	acnnctntnc	ttcnnncatn	720
ntnccccnnc	ctactcncn	nntagcncct	cncnttccca	cactttnctc	nnntctgnnc	780
cntccttctn	tctcncctac	tacataaccn	ncnctcttct	catctctctc	ttctctctca	840
cnnaccccat	ccnncnnnnn	ctcttctctc	cttannctct	cactancct		889

<210> 3686
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 3686

gaccaattat	atgacantta	ccagcgaacn	anaaggctgg	gogaaaaanat	caaaccatcc	60
tttgctggca	ttaaatattc	aagttgaaga	tccttcacct	tcctttaatc	ctatattaga	120
gtctataggt	gtgtctttct	tatagcaatc	ctgcactcac	ataaaaaactg	tattttcaat	180
ataagatcaa	aatgtatttc	acaaaaaatg	catctttata	tttgtttaca	ttctctctga	240
ctgaatgggtg	ccatgtacag	tctgtgtaag	ttatagaaaa	cgtttgocaa	ctcgtagtct	300
accattttgt	tatttgtttt	ctatttgttt	cgtctgttct	ttactgcttt	gttttccctt	360
tcctgccttc	ttctggatta	attgagtatt	ttggtaatcc	tttttaatct	cctcttttgg	420
attttttagc	tatacttacc	tgtttttggt	tttgtttttt	aaggcggttg	taggaaataa	480
tgtatgcac	cttaccttat	taaagtctat	tttgaaatac	tgttacactg	cttcattgta	540
cttacaatat	gaacctcaca	acagtatagt	tcattttccc	atcccagtat	attttacttc	600
tttgttataa	accccatctc	tactaaaaat	acaaaaatta	actgggtgcc	agtgggtgoc	660
atgcctgtag	tcccactacn	ttggganget	gangcaggag	aattgcttga	accctgngag	720
gcnnangttg	cagtgagtcn	agacgcncca	ctgcactcca	ccc		763

<210> 3687
 <211> 829
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(829)
 <223> n = A,T,C or G

<400> 3687

gcntattant	gtgncttatt	antgtggcct	aaananatag	gctggggcga	attcggnacg	60
agcttaacat	aacctatgag	agtggacagg	tgtatgtaaa	tgacttacct	gtaaatagtg	120
gtgtaacccg	aataagctgt	cagactttga	tagtgaagaa	tgaaaatctt	gaaaatttgg	180
aggaaaaaga	atattttgga	attgtcagtg	taaggatttt	agttcatgag	tggcctatga	240
catctgggtc	cagtttgcaa	ctaattgtca	ttcaagaaga	ggtagtagag	attgatggaa	300
aacaagttca	gcaaaaggat	gtcactgaaa	ttgatattnt	agttaagaac	cggggagtag	360
tcagacattc	aaactatacc	ctccctttgg	aagaaagcat	gctctactct	atttctcgag	420
acagtgcac	tttattttacc	cttcctaacc	tctccaaaaa	ananagtgtt	agttcactgc	480
aaaccactan	ccannatctt	atcacgaatg	tggaaaccac	tgtngatgaa	gatgttntac	540
ctggcaagtt	accngaaacc	tcctctcaga	gcananccgc	catcttcata	taangcnang	600
tgntaattgg	atgggaanaa	gctncaanaa	gatectgngt	tnngnnctgg	agcaaccnnt	660
ttacccccgc	atttcccttc	tantntntag	aacntccatc	ggttggnttn	ggcaattncc	720
ncgggaannn	gcntnttgcg	gncanctnan	cccntnttta	aaangttgtn	nttctncccc	780
canttttntc	tgnaaatccc	tacanggcta	attccttcaa	ngcttcnct		829

<210> 3688
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<400> 3688

tntaatgct	gggcttgntg	gcttgccgca	gganccctcg	attcgaattc	ggcacgagat	60
agagaggaac	aaagataaga	atgacagcag	atgtgtggtc	agaaattatt	caaggcagaa	120
gacagtagaa	ctgaaaaaga	aagtaggtca	atctagaatt	ctatacccaa	cacaaatata	180
cttcaaaaat	gaaggtgaaa	taaacacttt	ttgatggaca	aactgaagtt	gagagaattc	240
gtaaccagca	gacctgtagt	acaaaaaatg	ttgaggcaag	tttttttaggc	agaagaaaaa	300
tgatactaga	tagaaatttg	ggctgcacaa	aggagtgaag	aggcttccaa	atggttaaatt	360
atatggaaac	atatgaaagt	tatcttttct	catttttaat	ctctttgaga	aactgcttaa	420
agcaaaaata	taaacaaggt	acttttgagt	ttagaacata	catagaagca	aaatgtatga	480
caaaaaatac	taaagttagc	caggagtagt	ggtgtgtgcc	tgtagtccca	gctgtttgtg	540
aggctgagat	gggaggatca	tttgagcgag	cctgagaggt	cgaagctgca	gtgagctgtg	600
atggtgtcac	tactccagc	ctgggcgaca	gagtgaagcc	ttgtcttgaa	aaaaaaaaaa	660
aaaaaaactc	ggcctctana	ctatagttag	tcgtattacg	tagatccaga	catgataaga	720
tcattgatga	gtttggacaa	accactgga	atgcagtga	aaaatgc		767

<210> 3689

<211> 986

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(986)

<223> n = A,T,C or G

<400> 3689

acttatntg	ggnctaantg	gngngccaaa	aaaaaggntg	gggagcatgg	cttagntggn	60
atcntgagan	taatnatgag	atctacnctg	aatgactta	acctanaatt	aatgtgtggn	120
cagnntgnaa	tatgtgaaat	tnnggcntta	ncnctctttt	ggcnntataa	aaatctnna	180
ttaaaaaaca	tgncattnga	attgaacatg	tgcntaaccn	ctgaantatn	tctganaaac	240
cctaggtncc	gtggcatatg	ngatgaatnc	cannagacna	tnnaaccnca	tnttaccatan	300
nntcacngcn	tatnnaacat	caannatgct	tgngnaaagg	gntannantn	cncaacgact	360
nttgtttng	agcanctntc	ttngntagac	cttntnaccn	ncnanggntn	ctcttaacnn	420
gntgatnntt	nactcatcnt	tcnctttctt	tcctattctn	nmntccaaa	gttccnenc	480
nnaagnnann	atgaatnant	ngtgnnccnc	caccctnatn	attntanata	nncgcnattg	540
aaatntaata	canntccnc	tnncctcnan	nnaatnccat	nncatctnan	taaaantata	600
ncantnncnt	tnctnaccnc	nnaaagattc	aaanttcgct	ncccttnttn	ncnatatact	660
ctnnatannn	atannccgaa	attntcanen	ttctantnnt	nacntancaa	aaactcnctat	720
agnaccctca	catnccctng	acacnatnat	nnccaanaac	ctntaatcgg	annnnacntn	780
tctgaatnnc	tcncaactct	nttataccnt	ntnntcattn	taactctatc	atctnngnant	840
angnccatct	ccctcanatc	taaacanntt	ntngcnctcn	nntagngggag	antgtctctn	900
tacgnctnan	aanggcttct	cngatcntcn	naatactcnt	atagagacta	tacnctcatn	960
attgctcaca	ntatctacaa	cacnng				986

<210> 3690

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 3690

cnnattanng	tagctggatg	ctggcctaaa	nanaaggctg	nggcnaattc	ggcacgaggn	60
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agcttgtggg nnagacnanc aanggtgcat gangaanaaa acnnaattca ntaagccngn 120
naggnacage ccatagtctn ctcgattngt acaatcaagg cggacatttn ctggntatgt 180
ggannagagg ttaattggcn gnctatgant ggnnnagcct aaanttgngn ntacntgnat 240
nnnntnatnt gcnnanaaan gcatnngant tanagntncc aaaagntntg aaccnaagga 300
ctanagnaac anacnnntna tngcctggtn ntcagtnata rcnacaccnc acaggggaen 360
ngatnttnc cngnanttnt nacaggtctc nnnanctggg actcaagnen ncccatcatg 420
caatnncttc anannaactt gtgacttgca nttnnnatact anancttnan tcccttntta 480
cattcctcaa atgcncaact ccncttttct taattecnat tatnnactnn nttnnccnngc 540
ttattggnc actnntanca tncnggnann nccaactaan cnnattnttn gannttgata 600
ttggngcctt aacnaacana ncgtnnntat cgttngtca ccantctcac tcattnatca 660
annacnnng cnnnantnat tctcnatcna nncnnanttt gctanantnn nctttccenn 720
cnttnanttn ctannaaacc cctntcnnn ggcnccaatn gnaaantngn acccnnnenn 780
tctnnanggg ntnactnggc cncatacctc ctgngcaanc tntnaannng canactnctn 840
ntcnctt 847

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<210> 3691
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (775)
 <223> n = A,T,C or G

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<400> 3691
ctaantgetg ggetctngnn ctttngcaa natccancg attcgtctga aaatggactg 60
tgattcagga cctcctcctt acctacgagc accctgggag ggactgacta atggcccagg 120
gacacacagt cctcctctgc aggcaacagt caggcttcta cttgctgaag ccgtcaaggg 180
cttgactgtc aactcagtg ttctggaaaa caaatcagta aagcaattta gaggatcttt 240
tgcaaatcag agaaaaagaa tcaatacaag gcgaaagaat tctgatcagc actttaaaac 300
gtgcttatca gaaacttttc ttctctcttt taagctttgg ttctaactga gaaatgcact 360
ggataatagg taacctccc cagaagaaca tggacttcat catttcacca gattcacttg 420
ttccctttta ggcccagcca ataaaagtat atggtatctt caagctctga tttcctaata 480
tcagagataa aaagccatgg gaacgcagag acttggtgaa tttgtaaaaa tccaaaaaga 540
aaggccagtc atgacggctc acgctgttaa tcccggcact ttgggagggc aaggcagaag 600
gatcacttga gccaggaat tttgagacca gcttgagcaa catggtgaaa ccccatcttt 660
taccaaaaag ataaattatc tggacatggt ggtgcnagcc tgtantncca gcaacttggg 720
aaggtgangt aggaggatca cttgagcctg ggangtgga ggtcccgggtg agccc 775

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<210> 3692
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (785)
 <223> n = A,T,C or G

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<400> 3692
agnnnttcta atcnnntttc aaatcgtctg gctactngtt ctttttgcag gatcccatcg 60
attcgaattc ggcacgaggg ccaaactagg gcctgctctg acatccgcaa tgtacgtcca 120
ctagcagtg gcaagacctc ccgcgagaca ggtgttgttt ttaatgccc tctcacagat 180
gaggaaaaa tctcaaagta ccttgattat ttacccaaag ttcccgacce aggcctttta 240
aactttttat gcatgcaccg cctcttgacc acatcagaca atcaccacaa aacgatgggc 300

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tgacagttac	tagaggggta	gtaacttata	tttaaaagg	ccaggtagta	aatatttttag	360
gctttgtggc	caaaagtctc	taccacacct	actcaactct	gtcacgctag	cacaaaacag	420
ccacacacaa	aaaccaaatt	gggcagctga	aaaaaaaaaa	ataataatta	cttaatgaan	480
aaanaaanna	nacnanttga	nnnttcttnn	tttttnatnc	natnatcccc	tcntgtnatn	540
natecnttna	tgtagcttgt	gacaagnnnc	ntncttnaaa	ncatcnnnat	aaaaannnnc	600
ncntntttnt	tnaaaaacct	tnnatccctc	tncanttntt	tggngganat	nttttnancng	660
tntaaaanna	nttttttcaa	aaannnatnt	tnaanaanta	taagtcccng	tttttttngn	720
tttcggggnn	ngggttttta	annngggncn	tnngtcccaa	nnctttgggn	ncnaaccnn	780
tttnn						785

<210> 3693

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3693

aaatncnagc	tactcgttct	tttgggaaggc	cnncatcgat	tcgaattcgg	cacgagattt	60
tcatecgagg	cattgtctaa	tgatgtccca	ctgcgaagga	taaagatgta	gttttctttg	120
actctgccac	ctcccactac	tcagctcact	catacttcct	gccatcttcc	atcttcccaa	180
taagtataac	attatggnta	cattagtata	agggtttaca	ttattatgac	catgtaaata	240
ctatttctaa	ctgagccatg	tagtatactc	tgatnacttt	nnctttcttg	cncaactttg	300
ncntntctat	ggatngctac	ttatccatat	tgcttatntg	ctaagcttcc	tgtatactta	360
tcattgncta	tgnntntgat	ctccaaattn	tcctncagg	gcctgaattt	cctctnggna	420
tgteccagacc	tatctaaatn	ttatantaat	ttaaccttct	tggtgacatc	catnctgnag	480
nccttgttca	cgacaatgct	gtcatgctga	gattaactgt	catcattatg	ggtatcnact	540
ttgcctacat	ctgngtctnn	ttnggatctc	tnntttgtca	gaccccttnc	tttcaactnc	600
ttggngctgca	ctnaaattn	gtggagcaca	tgcaatanta	ngntcctgag	gtatgggtgaa	660
tgggaggcac	atnattgagg	tctngcanac	tgaaaatggt	ttacaggagn	ggcaaaccat	720
gacccataga	tgaaatgtac	ctggnacctg	ggt			753

<210> 3694

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 3694

caaatencta	ggetactcgt	tcttttttga	ggatcccatc	gattcgaatt	cggcacgagg	60
catagagacc	atcatggcat	gtcccccggt	tgaaggccct	tacttttttg	agtttgtgag	120
ctgcagtgcg	tttgtggtga	ctggcgctct	gctgattatg	ttcagttctc	acctgcacat	180
gaggatcccc	cagatcaact	ggaatctgac	agatttgggt	aacactggac	tcagcgcttt	240
ccttttcttt	attgcttcaa	tcgtactggc	tgttttaaac	catagagccc	ggagcagaaa	300
ttgctgcccc	tgatatttgg	cttcttggcg	actgcggcat	atgcagtga	cacattcctg	360
gcagtgcaga	aatggagagt	caanccgtcc	gccancanaa	gcaccaatga	ctacattcga	420
gcccgcacgg	agtcocangga	tgtggacaag	tccgcctgag	atncanccgc	tggacacgct	480
ttttctggta	angaccgctg	ggattgaaca	gaacttccgg	taaataangg	ccccgtcggc	540
aagacagcat	actgctgtca	caaagtgcna	acacctggaa	aagaaagaca	agtgtcactg	600

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gectaaccat ggtecccact tetgtcattc acacaagttt taagtgggtc ttgccaccan 660
aaatcctctt ttgctanggt actccggaat tgcctccctg nggcttttat cttaaatact 720
taacctggg annaagactt tcaagaagan tcaatcttta attccttccc tcaattggct 780
aaaatttttc ttaaaaaaa 799

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<210> 3695
<211> 876
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(876)
<223> n = A,T,C or G

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<400> 3695
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ttcgaattcg gcacgaggca gtgactgcct tcggcttttt ttctgctgac taagatctcc 120
tatagagagc tacaacaatg cccaaaagaa aggctgcagg tcaagggtgat atgaggcagg 180
agccaaagag aagatctgcc aggttgtctg ctatgcttgt gccagttaca ccagaagtga 240
agcctaaaag aacatcaagt tcaaggaaaa tgaagacaaa aagtgatatg atggaagaaa 300
acatagatac aagtgcccaa gcagttgctg aaaccaagca agaagcagtt gttgaagaag 360
actacaatga aaatgctaaa aatggagaag ccaaaattac agaggcacca gcttctgaaa 420
aagaaattgt ggaagtaaaa gaagaaaata ttgaagatgc cacagaaaag ggaggagaaa 480
agaaagaagc agtggcagca gaagtaaaaa atgaagaaga agatcagaaa gaagatgaag 540
aagatcaaaa cgaagagaaa ggggaagctg gaaaagaaga caaagatgaa aaaggggaag 600
aagatggaaa agaggataaa aatggaaatg agaaaggaga agatgcaaaa gagaaagaag 660
atggaaaaaa aggtgaagac ggaaaaggaa atggagaaga tgggaaaaan nnaaaaanan 720
nnnnnnnnnn nnnnnnnnaa aaaaaagcc tnttagaact ttaggggag tccgtatttc 780
cgtagaatcc ngnacntgga taaggatccc ttggatgnag ttttgacaa aaccccaact 840
tggaatgcc nttgaaaaaa aatgcttttn ttttnt 876

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<210> 3696
<211> 876
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(876)
<223> n = A,T,C or G

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<400> 3696
gnnnnnnnnn ttttnaactt nctaattncng gctactngtt ctttttgcag gatccctcga 60
ttcgaattcg gcacgaggca gtgactgcct tcggcttttt ttctgctgac taagatctcc 120
tatagagagc tacaacaatg cccaaaagaa aggctgcagg tcaagggtgat atgaggcagg 180
agccaaagag aagatctgcc aggttgtctg ctatgcttgt gccagttaca ccagaagtga 240
agcctaaaag aacatcaagt tcaaggaaaa tgaagacaaa aagtgatatg atggaagaaa 300
acatagatac aagtgcccaa gcagttgctg aaaccaagca agaagcagtt gttgaagaag 360
actacaatga aaatgctaaa aatggagaag ccaaaattac agaggcacca gcttctgaaa 420
aagaaattgt ggaagtaaaa gaagaaaata ttgaagatgc cacagaaaag ggaggagaaa 480
agaaagaagc agtggcagca gaagtaaaaa atgaagaaga agatcagaaa gaagatgaag 540
aagatcaaaa cgaagagaaa ggggaagctg gaaaagaaga caaagatgaa aaaggggaag 600
aagatggaaa agaggataaa aatggaaatg agaaaggaga agatgcaaaa gagaaagaag 660
atggaaaaaa aggtgaagac ggaaaaggaa atggagaaga tgggaaaaan nnaaaaanan 720
nnnnnnnnnn nnnnnnnnaa aaaaaagcc tnttagaact ttaggggag tccgtatttc 780

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cgtagaatcc ngnacntgga taaggatccc ttggatgnag ttttggacaa aaccccact 840
 tggaaatgcc nttgaaaaaa aatgcttttn tttnt 876

<210> 3697
 <211> 1151
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(1151)
 <223> n = A,T,C or G

<400> 3697
 ttctaaatac taggctatng ttctttntgc aggatccntc nattecgccc gcaagctgct 60
 gaatgccttg ggactagctg gtgattacct cgcccagggc ctgaactcac cctggccagg 120
 tccanacctt tctgctgtgg ggagcaaggg cctgggtcgt ctactggctg ctggctctgc 180
 tntcggctt ggtcttgccc ttgctgggcn gatcctgtgg ggctgaanct tgtcatttta 240
 cttggccgnt ttcttgcccc tgatgaagtn ngtgccccga aaccttttta neccgggccc 300
 tggttaatc tggnccttg gttgaatcct cttaananca ctgcttatan ccngnttta 360
 aannngnttt nccaaaacct ctttnggggg tnnaaaaatt ttataggcca aaatgnntnn 420
 caaanggctt tttnnaaacnc ccnctttggt aangggaaacn tttagnctt nngnccccnt 480
 aaangnccaa antcggnncc anaaaggggg gggcccncca aaaanttggg aatgnaaagn 540
 aaanttaaaa ccccgatntn gcncccaaaa aaaaaccggg ccaatnngtt tcattaacct 600
 nnaaaaaaaaa acntttaaaa cctgngnttt tntnngnggc cccaattttc taaaaacct 660
 tntcctttgc caaaaaacnc ccccttggg gnccttntt tttnaathtt ggnccccctt 720
 ggggncctnt ttttngaaaa aacctttttt aaagnaaaaa caaattttgg gaatnnctn 780
 ttttgcccn gnnanaaant ccccccaan antttttagg ncccccaagg naagggnaaa 840
 aaaccnctc cgggaaaaaa gggnaacccc caanttttnc cccccccctn tgggctttg 900
 gggtanccn tttttgccc ggggnncccc ttggggnnnn ttttttnt aaanggggt 960
 ttccttctt gggncctcn ggggggggtt tttnggggt nttntntnt tttaaaaacc 1020
 ccccttttn atnntntgg ngtttctnnc aaaaacctt ggggcccctt aaaccaagg 1080
 gggaaaaagg tttttgaaa aagggggggc cttatcnctt tttngggctt tntttgggna 1140
 aaanatgggc g 1151

<210> 3698
 <211> 764
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3698
 atacagctct tgttcttttt ggggatccct cgattcgtgg aacaggagag tcgcatggag 60
 gtactgtttg cctgtgctga ggccctgcat gcgcattggc atagcagtga ggccctccgt 120
 ctactgttg agcttgccca ggaatgcta gccaacccac ccgacctcaa ggtagagccc 180
 gcccctgcca agggcaagaa gaacaaggta tccacgagcc cgtcagacct ggggtggctac 240
 caacacctg agcaaggcgg ccttcctgtt gacagtgcta antgagcgtt cagagacca 300
 caacctggcc ttcgagttg gcatgtttgc cttggagctn canangcctt cancttntac 360
 aaggnccttg aagtgaact tgcattccan gaatctgaag tggctgncct gctcaaagaa 420
 gatccctctg ggtccaaatg agatgagtac catgccgtgc cgggcanang aacttcggga 480
 ggggacactt ctgtgactat cggctgtgtt gnetctcatg ctggccagtt catctttgac 540
 gtctctgtgc tccaagtatg atgcctgacc ctacagtaag tgggggaactg gggtanggggt 600

agctttctnt	taanaaagan	cnaagacccc	aagttttctga	atcaccttta	ggaccatcag	660
caacttcacg	ggttncggc	cccaagtcgc	aactggaaca	ncgagacacc	ttggggataa	720
gaancttgga	tttnaacaca	nnttgcttgc	cttgggcatg	aaaa		764

<210> 3699
 <211> 867
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(867)
 <223> n = A,T,C or G

<400> 3699						
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aatgaagggt	ggggagaaaa	gaaagcaatt	taggagactc	tataggagg	aaaggatgag	120
atgcatttca	gaaacaaaat	attaacgtaa	acagaaaaaa	gagaaagcaa	tcacgacaaa	180
gcctaagagg	gctagtggaa	tgctagaatg	aactcattta	ccttcctttg	atatttangg	240
gctctattgc	ctgctaattt	catcactgnt	atTTTTctta	cctcttatct	ttttccctgt	300
agttattatc	agcctaatat	tcattcattc	attcattttac	cttgagtttt	taagcttggtg	360
cnnaaaccaa	caagggtggg	gcccnaagttt	ncnagaatgn	ngttncccna	cnttggnnaag	420
taaacntggg	ttangggaaa	aaangtnncc	ancttggccc	tttttaaaga	caccaangtt	480
ttaccncat	tccatggggg	tcaatgggga	aggaaaaacn	aaaggggant	ttattttgna	540
aaaaactggt	gccaagattc	ccgaaagggg	agccccctng	aaagctttta	aacctnccaa	600
nnaanccttn	cnagaccctt	ttggcctttt	aaatnccctt	tttaaaaagg	ccccccantn	660
agggaaaaaa	ttcccgant	gaatgggggt	accnggtctt	gacctttang	gaacatgtan	720
gcttgnettg	cccnatgttc	ccncaacatt	nggtccctt	ttacaatgnc	cttantacat	780
taatngngng	gccccctcatt	ttnaaatTTT	aaaaaatTTT	attttancct	tttaaaaaat	840
tcnttttngc	ccaagaaaat	gttttct				867

<210> 3700
 <211> 935
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(935)
 <223> n = A,T,C or G

<400> 3700						
tncttatnct	ttgaantcct	ttttgoggat	ccctcgattc	gcttttttta	gtgatcactt	60
ttgaattgtg	ttcagatatg	cagtttcagg	tgtnatcatc	agagctgggt	agtcaggcat	120
tccagatagt	ggttcttttc	agaacctttt	taaaagggtt	gggttaacta	cctcagtagc	180
agaggattga	actataccct	gtctgtactg	tacatagaaa	atctttgtag	ataaaaagcaa	240
ggcttggttaa	atatgatatg	agggttaagat	tttaatatat	caaagtgaac	attcttagtt	300
gccttttagtt	tcanaggctt	gtaagacttc	ctcatgacn	tnattacagg	ccttgctttt	360
ggccgnattt	tggggctgaa	aaagcaccct	tgcttcttca	ganattgnag	ntatttggtat	420
gtataatagt	ttanccagat	ggtacttttg	gtaagacatc	agatgttcaa	aaaagtgcac	480
tccaacttgt	ctaaatactg	cagtgtcccc	tttataaaaa	ggtcagacct	aaaactggcc	540
aatttgntac	anccggaanc	cctggncatt	ttgggatatt	tttggaagg	ttttttcca	600
ttaaaattca	tttgggaaaa	tttaggtaat	tattngggct	tggtaaagg	tttaaacctt	660
tttttttaag	gggtnaaaaa	angggatttn	ggttttccaa	ttttaagtng	gccattttcc	720
ttttcccttg	gcttgggnat	tccacctggg	tnaaaaacca	ttggttggga	aaatccnaag	780
cctttttnc	caaattttcc	ctttaatggc	ccanggggtc	caattggaat	naaacctttg	840

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ggtaaaaaaag gtttnnaagt ttcccaaaatt ccattttttgg nggcettaat ggggtttttt 900
taaaaaatttt tccttnaaaa gccnncccc ttgggt 935

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<210> 3701
<211> 977
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(977)
<223> n = A,T,C or G

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<400> 3701
atnccancta cttgntcttt ntgcaggatc ccatcgattc gaattcggca cgaggtttta 60
agtattctca tccgtcaact gggattggta atagtacagg gctgttagga tgattgcatg 120
agatgaaata catttagcac ttggtaagca ctctataaat atggcaatat gatagtccct 180
gactcatctt cctctctgnt gccctttaaa caggtagagca cctagccttg ttggttttat 240
gtgctcaaca gcagttggac ttccccctggg ctctcttacc catgctactg cgtagtcaan 300
ccctccataa anctnctctc tggntctctg ttcccanatg gnctttggcc ttctcttttt 360
ccttcccanc ttaacgtttt taaccatgcc ccngggaatn ttttttgaaa angggaaact 420
gganccttng gtnccccngg cttaaaaaaa ccnnccaata aatttnttac ccncattagn 480
aggggnntaaa aaaaancctaa cttttttggg gnggnantac ctgggacttt ttctttccga 540
actttttcct ggcccttcaa acttttccaa ccctctttcc ccggtncatt ggggatccct 600
attacccggg aggaacatta cccaaaaaatt ncctttaaaaa tttcttncc aaaacattgg 660
aanccttttt tcccgggctt tctttttcaa taatggtanc aatggttccc aaaaggccaa 720
attnnattct tggncctttg gaaacctttt tggggaacc aagaacttca actttccatn 780
gggcccagct ttttttncca attcaaggga aggttttttg ggcttggtaa aagggnntacc 840
ccaacaantt ggccaaggga aaaaaaaaag aagcccacct tgggggcctt naaacctggg 900
gtnggggggaa naaacccctg gggggtnccc cttngggttt tncctggggg nccttnccca 960
accttaagnc cccacna 977

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<210> 3702
<211> 932
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(932)
<223> n = A,T,C or G

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```

<400> 3702
naatcccagc tacttgttct ttttgcagga tccctcgttc ggaccctcat gccccgcttc 60
tgctccaagc tttcttactc attaggctct agtctcactt cttatttttt aaattgtgag 120
taattttcat gcttggtagt tgatttcttt tccatctctg natgcatact tcctgcacct 180
agtaggcact tgattttttt ttctttgaat acacagcaga tgccatgtna actcattagt 240
acttgctca aaacactgaa ttcttacctg ngttaaatgc ntgaatcmtt taaacttttt 300
aagtttacct agaaagtgt taaagnngga actaatcnnt tntgantggn nataccnccc 360
nngntttgaa aactaccttt gancnttttt ttccctttta atnaagctct taaaaccggg 420
taancagccc cccnggata nnaaagaanc ttttaagctg gggggaacnc cttcattttc 480
ccnggaaaaa aaacngnnc aagggcttgg ggaaaaaat gccnctaagg gattgttttc 540
cagcctttcc agaaattttt gggccnaacc tggangaagc ttcaaaattc caaggaaatt 600
ntggtaaang gggnttttta tgaggccaaa ttaaatnggg ncctttagna anccccnttt 660
aggaccaatt ttaaatnggt ttgnaaaagg cccagccttn ggtnaacctg ggnccccctt 720
ggcttngct ttttngggn ccattcnttn atacctgggc naaaatttaa ggnaaattta 780

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cctccaggtt	tnaaaaaat	nggnncctt	tnttggnaaa	aaagtttccc	ttggnggggt	840
tttaaaggga	aaaanaanaa	aangnnaaaa	aaaaacttcg	agnccctttt	naaacctttt	900
ngtggaggtc	cggatttacc	gttagantcc	cc			932

<210> 3703
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (789)
 <223> n = A,T,C or G

<400> 3703						
cnaatngcta	ggctactngt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagc	60
actcttttat	attagggact	tgagcatctg	gagagtgtgg	tatctgaggg	agttcctgga	120
actaatgtgc	agatgccaag	ggacaactgt	actattgtac	ttggaagtac	tcatgggggc	180
atattgcatt	gtttctttga	gtcctaattc	tgccaacatg	gcctgggtgt	tgcattaatc	240
agctttctaa	tctctgagta	acaaggcaca	gtaacaagga	gcagtaacaa	ggcacagggc	300
tggcacctga	gagtggaggt	acccaggagg	cagacaccat	aaggcgggaa	atggacatat	360
gtacagaatc	atggctgcat	gtcctgaanc	ctggcttaag	ccatcaacgg	ctgctgggca	420
agggccaaag	ccctgttata	ccttttcgcc	ttctgatgg	ctctgtctct	gccttcactg	480
gggtgtggga	agccnnaccc	acccnagget	nnagcccttt	acccacagtg	ttannaaatg	540
caancttcaa	taggattgtt	cttnaggccc	ttccccanaa	anccnggatt	ttgacagggg	600
gcnatgantt	cannnnccng	cttttaattg	attggcctat	cggtttttaa	aataatgacc	660
aatnggggcn	ttnggcctgg	ccnanaancn	ntnancattc	nattttctct	ccaatttttg	720
ggtcnaaatn	ccngcngntt	ttncnctngn	nnngtttnaa	tgaactgnaa	naaaatnnnt	780
ttgnttngn						789

<210> 3704
 <211> 805
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (805)
 <223> n = A,T,C or G

<400> 3704						
ttcnaatgct	tggtactcgt	ntctttctgc	aggnatccca	tcgattcggt	caaattctgcc	60
actcccagag	cccggtggaac	tctggcccaa	ggctctctga	ctgactcctt	cttggcttag	120
cggctgaaga	ctgacactgc	ccgatcgctt	nagaaacacc	gtaaaccatc	acggangcgc	180
agctntactt	anctttcana	gtggaggaan	gcnggaatgt	nangcctctn	aacccaagcc	240
aagccatcac	attccctgng	acttgnacgt	atgcacgtnt	gncctaaat	ggcctgaant	300
tactgaataa	tnacananga	ngtgaaaagg	ccctgtcccg	ccttaactga	tgacntttcc	360
accattggga	tttgttcctg	ccccacctta	acngagngan	ttaccctgtg	aatttntctt	420
tcttgggtca	naantccccc	cactgatcag	cttgggancc	ccgttctntn	caccatanaa	480
caaacccctt	ttgactgaaa	ttttcccat	accttcccan	atcctataaa	angggcccca	540
nccttatntc	ccttctctga	ctcttttctg	nccttnggcc	catctgnccc	tggcgaaata	600
aaanccatg	tagttcacat	aanaanatan	tttaaaaaac	cttnganccc	tttttnaant	660
atantggagg	ccenttttan	gggaaattcc	cgnanttttg	ataangatac	catntgtann	720
antnttgggc	caanaccenc	aaactntgaa	atgnccattt	gaanaaaaaa	aangccttnt	780
anttttgggn	cnnaaaattg	ngngg				805

<210> 3705
 <211> 868
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (868)
 <223> n = A,T,C or G

<400> 3705

naaatccctg gctactcgnt ctttttgcag gatcccttcg ntccgaattc ggcacgagcc	60
agcctggcca acatggcaaa acactgtgta cactacaaat agaaaaattg gccggggcatc	120
atggtgtgtg cccgtagtc cactactca ggaggctgat gcaggagaat cgcttgagcc	180
tggagggcgg aggttgcagt gagacgatac cgtccactgc acttcancct gggcaacagc	240
aagactncgt cttcaaaaaa aaaaatttta aaaagatttt tcttatggng ggtttcaaaa	300
aatggttgn ttggcaacgc tnggtgccaa tgggttaccc ctgnntaatc ccnccacttt	360
ttaaaagncc caaacgggt ggggatcacc ctctanggtc nggaaatttt gtnnnacctt	420
tggggtnnan aattngngn nccccccat ttttttcntt ataaaangna ccccncaaaa	480
aaattctatt tccncggaat ttgggtgggc accgttgccc ttggtaaatt cccaancttt	540
ctttggggga angctttaag gccaggnaa aaaattggnc ntnaaanctt ctgggggctt	600
caaagccgaa ncanttncca accttcaacc ttccatatnn anttggggac tacnaggng	660
ccncccnanc ntttttctgg ctaanattta ctgantttca ngtagagnan ccancctttn	720
ttatttttnc ccaaanncnt gctnnnaaat tcntnnctnt tatgnanccn accaatatct	780
nnntnccna aaattctngn naccnttnt ctnagaaacc tnatngccnc nantannncc	840
tngggttcan nntttcccn tccntttc	868

<210> 3706
 <211> 855
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (855)
 <223> n = A,T,C or G

<400> 3706

cctagttcna atngctnggc tactngttct ttttgcagga tccctcgatt cgaattcggc	60
acgaggtgaa gccacctttg tgaacagtat agtaatgtct atacttggtc aatagtttag	120
aggaggtagg agggaagaaa ttgcaaaagg taatattact agtgtgttca tacttggaca	180
ttttcagaca ccatttttct atatgttttg tgcattttgt tttgctctgt atatagtata	240
tataatggac aaatagtcct aatttttcaa catctagtct ctatagttta aagaggttgc	300
cagtgtatga caaaggagta aaattagcct attttgtaca ctttgnnggt gaattcctng	360
gaaaacctgg cttctgnnaa aaaccttttn cttaggaatn tgtttngcca tctcttaacn	420
ttacaccntg ccctgtncct ntccactgga ttgaaaggcc cnataaagga aggggagggg	480
agggaaattg atttcaaagg ccccaaattg gccacatttt aggaaagaat accctcacna	540
tgggaataanc ccatttggtt aatgtngtgg tgccaaattt ttattttaaac aagtgcctgg	600
ngtaatggtg ggtggggacc aaagtttatt ntggaaaata tcctnagtnc tttcttagaa	660
tanttttggg aaaatgcctt ggatggtatt ttaaaaagt gtaagtagaa atanaccct	720
tttggaatat aagccttttt aaaaaacctg attgggnaaa ttctngttt tggaaanttg	780
gaaattggtt ggaaccancc tgggaagggt ggaaggggaa gaaaatgcca atgggggttt	840
tggccattgg ttnta	855

<210> 3707
 <211> 778

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 3707

gnnnnnttnna	aannnccngg	nttcnngnng	cccttggttg	neenananaa	acnncntgna	60
ancnccgget	cgcttctect	cttccattgc	gatttgcect	ctttatccag	nottnnggaa	120
tgctgatttn	aaatgtnnnt	ggcacaaggc	aggcgtgaaa	acataaagtt	aataaaaaatc	180
gaatgcataa	gctagagcag	attatccaca	gattcttcca	tctccatata	gattatcacc	240
attgcctgca	cctgttttcc	ttctccagcc	tatctgatgg	aatgggtgctt	ccatgacatg	300
tggtatttgg	aaggctctta	gctctgatgt	aatcaggggt	tgacccatag	tcacctgaaa	360
tagnncttct	ggnnctcttt	ggtctatgaa	ctgaaggggt	tcagaagccc	gtgttatgca	420
aatacccttc	catccccctc	cctctcccct	tgccctctatc	catgttccct	cagcctcagg	480
gtgcttgag	gctaagagga	ttgggnetct	ggcctcctgg	agctgaacag	ctcngtgcag	540
gaattcccc	ggcccttgag	nctctgggggt	gagttgnagg	ggtgtgtagg	gngctgggga	600
ttaagancctg	ctgagtaggg	gcttaccaga	ggtatactga	aggacctgaa	gacagatcat	660
cttcacataa	tcagcatgac	cataatctgg	gatggcactg	agcttctttn	antcnggagn	720
caaggaatgn	gcncaaagnaa	ngcaaantaa	tnccttttaa	gcccagggat	naggggaan	778

<210> 3708
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 3708

tttnnaannnc	cnnttttcaa	atngcnaggc	tactngttct	ttttgcagga	tcccatcgat	60
togagtgatt	aagtctcact	aggaataggc	ttttctaaat	tgntttatct	catcctcatt	120
agaacttcac	cacatgtggg	aatcatgtg	gcaaaactgt	ctctcttaaa	aaaaaagtca	180
ccaaggaaac	ctccttctgc	aatttaagaa	ataaaatccc	agtgcattg	atttggatgc	240
tccaaacatg	tccataatgg	aagagctttt	ccagggttttg	gtttgggccc	cccagaccaa	300
agctttgaca	cataatacaa	gctctgtaag	tctgttttcc	tgtctgtaat	ttgggattgt	360
catctttgta	gggtgtcatg	gagattaagt	tattcactgt	agacaatgcc	cctttcatgt	420
aatagattct	gtcagtatta	gatctttttc	tttctcttca	agtttcaaac	atagattagg	480
caaaatttta	atggctattt	cacaaaatca	gcttgattct	tgtttatgac	atcaagtgtt	540
gtttttccag	gttgctgtgt	aaagggctac	tttttttttt	ctaaaagtgc	ttttanaaat	600
tccagtgtta	gtatgtatgc	atcatttaag	ctaagaatga	agatntaaag	atcacccaac	660
agtttaaagc	tggtattctt	tancagggtca	aaggagaatt	gngntttgnc	tagctgnctt	720
anccgtgtcg	gacttcttgg	actcaagtga	tcccacctgn	ccttaanctc	ccaaagtgcc	780
nggaggtt						788

<210> 3709
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3709

gnnngcctt	nagttccnca	ngcgnactct	ttgnacganc	ttatgaacag	atatggaggc	60
cagagctcat	ttgggtaaac	ttactcctgc	tgagttagca	ttttggtgag	agaagctccc	120
ctgagctcac	ctgtctctct	gactgccttg	gagtaggtgg	cataaccttg	tgacacagaga	180
actagaaaag	gggcagaacc	ccggccttgc	agttgtggca	ggtttccact	gtggtaagct	240
aggttcattc	ctcatcaagg	aatgtgtagc	agattgttca	ctgtggagga	gttaattata	300
gaatgggtta	ttgttggtat	tcttactcat	gaagttacag	atttttagcca	gtctttgctt	360
ttatactttt	gtgaaattta	atttctctct	atagcacctt	cctttttcgt	tttcagttat	420
caaaagtga	tttgacctca	taaaagagtt	gagaacatct	ctcgtgtcac	atactgcagg	480
tgcatacagt	acttttgcac	agattctagg	gggacatttt	tctgaatagg	aagacaggac	540
aaagttaaca	gcttaagggc	tcttaattct	gtgagttgag	gacttaaaaa	gtattgnagc	600
atttgggtgg	atccatgaaa	aaatgtattc	agtgggcttt	taaaatttcc	atttgcagaa	660
tttggnetct	cangctgttt	ggggagctct	tttttttacc	attttttctc	ctttgcacct	720
atttnatggg	ggttaaagta	aanggttact				750

<210> 3710

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (895)

<223> n = A,T,C or G

<400> 3710

aanagcnnnt	cnaatngcta	ggttntcgtc	ctttttgogg	atccctcgat	togaattcgg	60
cacgagatta	ttataagact	aacattctga	taagccatgg	tataattaac	attattaaaa	120
tgtttacata	taatccttct	taaagtatac	tcttttaaaa	atccattggc	ataaccttac	180
tttttagttta	gtgatccaga	atttccccag	agcttaagcc	actgcagtaa	attaggtacc	240
gtaggatatt	cagtcgctac	tagccacaag	gagtcctcct	attttaatgt	acctccctca	300
gtacttttatt	cctgcagagc	gcctcagagt	gggggagaga	aatgagcaat	cctgggtcan	360
ntggattatt	tcagcatttt	attttctaaa	atctgtagt	tgatcccgaa	aatattttaaa	420
attaaaaaaaa	atactttttac	cagaagagag	gcctacctaa	tcaatgngct	ttagagaaaac	480
naaaactacc	tttaccattc	aatttaacaa	ccnanaaaaa	ggtttaccgg	aaatttttaac	540
aaaacatttt	ttctttatct	gaattntggg	gaggaaaaata	cttaatgctg	acaccgttta	600
ataaatttag	gaaaaaggat	ccattcccag	gaatctttat	gggaaaaaat	tggggggtttt	660
naaattttcca	agccagggtt	ggctcttttg	aagaacatng	ggtaantcct	cnttaaatgg	720
taaacttnct	taaaagggan	naggggtagg	aattnggaaa	aagggaatct	ttgggnattn	780
ttacccttta	aattaatggg	tcccaggaat	nggggtttca	agggattntt	ncanaaatta	840
aaaattnggg	tttttgggtt	gggaaaaaaa	tggaataacc	cttttttngg	ggggg	895

<210> 3711

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 3711

1111

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naatngctag gttanacgc tnggctctng ttctttttgc agggatccca tegtattcgg 60
cgtgactcct gtacaagggg aaataggctt ggagaagatt ggtgtcaaaa ttaatgagaa 120
gagtggaaaa atacctgtaa atgatgtgga acagaccaat gtgccatatt tctatgctgt 180
tggtgatatt ttggaggata agccagagct cactcctgtc gccatacagt caggcaagct 240
gctagctcag agactttttg gggcctcttt agaaaagata taccatactt tgttctggcc 300
tcttgaatgg acagtagctg gcagagagaa caacacttgt tacgcaaaga taatctgcaa 360
taaattcgac catgatcggg tgataggatt tcatattctt nggaccaaac gccggtgang 420
ttacccaagg atttgacgct gcaatgaaat gtgggctcac aaaacagcta cttgatgaca 480
ccattggaat tcaccccaca tgtggggagg tgttcacgac tttggaaatc acaaagtcgt 540
caggactaga catcactcag aaaggctgct gaggctagcc tgctgctggt taagtctctc 600
ttgncatatt ctcatctctc tcaaagataa gaatgctctc ggatnaaatg agcctgtgct 660
catgacanct gctctgttac ttanggacca ntgcaaggct tncctaccac acttagatga 720
gaaagtttnc aanggaaaaa ggncaccaat ngggcatttt gcctt 765

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<210> 3712

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 3712

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agnnctttct tacgcctnnt gaacttnttg naantcctt tttgcaggac ccatcgattc 60
gaattcggca cgaggaaaagg acccatgatg taaggatgtc ttttttgggg ggtgcttgtg 120
gctccttaac tggtcttgga aagagcctac ttcccatagt gaacctgtg aggtccaatt 180
ctgttctctc ccttgagct ccaagagaag gtcattgcct ttagcagca ggtgcccccc 240
caagctgggt tctcactgca ggtgccagcg ggctctcagt aggtatgacc tggatgtgag 300
tggtgaacca ggattgaggc actcagcacc ttcgaccaca ctccactct cctgggggtt 360
caagtcaggc tatggaaaag tgtcacctcg tttgncatat aactggatgg gtngtaaaaca 420
gaacgcctct ggcaaaggtn gaccttgaag gcaaaactga gttgaggggt gttaggacgg 480
aaataattac tgctgggcat gcaacacttc ccaaccgttc ttgtgangca agcantgtta 540
ttgncagttt ggcacaangg cacangtgta nnaacaacgt aagtgccctg gggcccgtgc 600
ttacaccacc cactgnggtt tgaacttana atgtgaacc aaggcccttt ttgaattccc 660
aaantcctc aatcccttca atcctaaaca agcnttgcct gccgggttan ccaaaaaagg 720
gggacctecn ggnaatntng ctcttggean nttnttttaa anctggatnt attaatgggg 780
aaaaccanan ntanaantnt ttggtnt 807

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<210> 3713

<211> 909

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(909)

<223> n = A,T,C or G

<400> 3713

```

ttgcnatcg ctaggctctc gttctttttg caggatccct cgattcggtt tttactatgt 60
accataatgt cccattcatg agaacctagc aagtagtttt tctcattagc gaatgctaga 120
attttatttt ttttcacata gtgaaaagg gaaattgggt tgtcttctc tttactttag 180
ctgctagtaa ggttgaaaca acgatgggtg ccaaatttaa cagttagggtg acatcttctt 240
ctacgtgtgc taagattacc cagacttcac tttaccctta tttccactg actttgatcc 300

```

```

cttttacttg nttttattct gnaagtatgt atttttgnca tctttcagna ctctttggna 360
tcnnaataaaa attaaattcc cctagncttt aaanangata atngggtnnc ttggnttaaa 420
nattaaaaat naaaagtnat ttngggcttt natataataa ttaagccant aagnnathtt 480
tnggcnaaan tccttttctt gccanaaggg ggcccagaac gggnttaaat attttttaag 540
ggtggtttnc caagggccaa ggtggaatcc tcttgggttg gcaaacttaa ccttcaagcc 600
ttcttggccg gttcctgtaa antggangga aaaaggccag gcccttnng gaccaatgg 660
gccatttaaa ggcccaaaat ggggggttng ttggaacttg gggggttttc ccaanttaaa 720
aaaccttttt aattttttnc naaaaaancc aatggggctt accatttttg acttttttng 780
tggttngtaa ttttggcctt acccccccaa aaanaanaaa anannnnnct tcctatattn 840
actnnnanac tttcantnan caaaaaaaaa cntgggcctt tttanaactt tngnggggcc 900
tntnctan 909

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<210> 3714
<211> 752
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (752)
<223> n = A,T,C or G

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```

<400> 3714
aaatnnnagc tacttggtct ttttgcagga tccctcgatt cgaattcggc acgaggagcc 60
atggcagaaa atcagtgatg tcattgagga ctctgtagtt gaagattata attcagtggg 120
taaaactacc acagtttctg tgagccagca gccagtctcg gctccagtgc ccacgctgc 180
ccatgcttct gttgctgggc acctctctac atccaccacc gttagtagca gcggggcaca 240
gaacagcgac agtacaaaga agactcttgt cacactaatt gccacaaca atgctggcaa 300
tcctttggtc cagcaagggt gacagccact catcctgacc cagaatccag ccccaggctt 360
gggcacaatg gttactcaac cagtattgag gcctgttcag gtcatgcaga atgccaatca 420
tgtgactagt tcccctgtgg cctcacaacc aatattttatc actacgcagg gatttctgt 480
aaggaaatgtc cggcctgtac aaaatgcaat gaatcagggt gggattgtgc tgaacgtaca 540
gcaaggccaa acggttagac caattacact agttncagcc ccangtacc agtttgttaa 600
acccgacagt tggagtttnc caagtgttct tccagatgac ccctgtgang ccaggcttca 660
caatgcctgt ganggccacc accaaacacc ttnaccaccg tcattcccgg cactnttacc 720
attcgnaagc aaccgtccca aagtccagtc ct 752

```

```

<210> 3715
<211> 960
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (960)
<223> n = A,T,C or G

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```

<400> 3715
tttcaaactc ctnnggtact cgttcttttt gcaggatccc tcgattcgaa ttcggcacga 60
ggtctcgagt ttgttgtttt ttgtaatccg ttttagagtg aattaaactc agacatccct 120
ggattgtatg ctgtctgtag aatgttgatt ttcaggcacg gggatgtagc tgtagaatgt 180
ggcttgggtc ttcttcttga taagaaattg atctcctgaa tggattggcc atttggtaat 240
ttcttagtga aaggctgact cttgaatatg gctggtataa tataaattct taccaacata 300
aaagtaaggg cttatttggg gcttgggtta aactgtcatg ccttgganga tatatagctt 360
ataaaattgg ctttaaccntg nattttatga cctanctnnc ccctgntgcc aacntttnac 420
ttgccaaaaa ncttgggatt cntgttttnc aagggnngac cttattattt gtggaagaaa 480

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aatttggatt	nnccaaggtt	aacctatttt	tcaanggett	cttggett	ttgnaattttt	540
cttcaatttc	accatggccn	tcctttttat	tcctnttttt	tncccttcc	caaanggggt	600
tcnnggggaa	tttanectgg	tttcccggga	aagnaaanga	angggatttn	ttccaccant	660
taaggccanc	cccaaatttt	tttaccctac	ctttccaaaa	acccangggg	aagccttacc	720
ttacctgggn	gggtnaaaaa	ttanggggtt	taaccacccc	ccaanatttg	ggaaaaatcc	780
tttttggcca	aaaaagggtt	cnnggggttc	taatttcaaa	ccggaaacca	gngnacttnt	840
ttagccnaaa	aaaggaaagg	aatccgtttc	cccattattt	gggaaccgcc	ccccatttta	900
aaatttnccc	agnnggtttc	ctttaaatgg	gaacctttgc	caaaagggaa	atatttggcc	960

<210> 3716

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3716

ttnaaaanccc	nnttnchnaat	cnnacagctac	ttgttctttt	tgcagggatc	ccatcgattc	60
gcaaagcttg	atctattaat	atattgatca	gagttccatg	atccttttct	aaaatgggtg	120
ctttattttg	ccagaataat	tctgcagggt	gttttttttg	ggacggagtc	tcactctgtt	180
gcccaggata	gaatgcagag	tggcacaatc	ttggctcact	gcagctcttg	cctcccagtt	240
tcaggagaat	tgtgtgaacc	tggaaaggcg	aggttgcagt	gagccgagat	caatcaccac	300
tgcacttcac	ctgagcaaca	gggcaagact	tcactctaaa	aaaatttttt	ttggatttat	360
atttactgan	aagggtctgt	actaaagggt	ttaanatttg	gntgggtttt	accgctaaat	420
gtttgtanag	tctgaatctn	tggcctnngn	aaagaataat	tacangcntt	caccaagttg	480
tgaaaccttc	tgggttngga	tgaaaagaaa	ctttcaagct	nagaggaana	atgttctgaa	540
atatttgggg	aagtttggca	gactcctttc	tcaaggggta	tgttcatttg	ggcngtgat	600
tctggaaccc	cctttgcaga	tatcttaagt	gtgtcatgaa	agtttaccac	gaacattgtg	660
agtanttgca	attaccaaa	ggaaccaatg	ttcatattac	tttccattat	ccggtctcaa	720
gnattcttnc	ngagatnctt	tacctgtgtg	aaagtgaatc	ncttcttct		769

<210> 3717

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 3717

naatcgctag	gctactcggt	ctttttgcag	ggatccctcg	attcgagag	ctggggcatg	60
gcatgtctca	ggaagccatg	cttgtcacag	aggaatcact	ccgaggctaa	aggaacatct	120
gggcaatcct	acttgtgtac	tcattggatt	cattcagtga	ccttgttatt	atccttctag	180
ctaaatgctc	tgggtcttaa	ttcacgactc	caaggttgct	cttgatttta	aggaacattt	240
tggcagaata	gagagaagtt	gagcaaatat	taacagatgt	ccaaaggggc	agtgtgattt	300
attatgtcaa	gagaatcagt	tttatgtcga	gggaagaatt	ttggtagaaa	tcactgtatt	360
ttttggaaaa	tatcatattt	gggttttttc	attgnataag	taatacatgg	atacatgctt	420
atataaagaa	aaattcataa	tatagaaaca	taaggaggaa	aaatgagtca	tttttctccc	480
atagttcact	cctttccctc	ccctttcagt	aaccagtgtc	acacgggtgt	gtctttccag	540
acgttataaag	cagtcataca	tatctctaaa	gggaaagttt	gcgtttgctt	gntntttctt	600
cctgnattaa	taggatttgg	gtatatatat	acncaccccg	taatatattt	tggatctgga	660

tatntaggag catatttctg ggggtgcgctt tttaaaattt tatggccaaa tccctacagct 720
tcttcatgtn acttgcttat tngatgtttc cncant 756

<210> 3718
<211> 766
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (766)
<223> n = A,T,C or G

<400> 3718
ttcnaatngc ttgctctcgt tcttttttgc ggatccctcg attcgaattc ggcacgagcc 60
cgaaaagtgc ttagagagtg actcccagga cgaaaagtgc gaggaggagg agggagacgt 120
agaaaaggaa aagaaggcgc aggaagcaga agcgcagagc gaggacgacg acgaggatac 180
agaagaggaa cagggggaag aaaaggaaaa gggagcgcag gagaaaagga gggggaagag 240
agtccgtttt gcagaagatg aagaaaagag tgaaaattcc tcggaggacg gtgacataac 300
ggataagagt ctttgtggaa gtggtgaaaa gtacatccca cctcatgtga ggcaagctga 360
ggagacagtg gacttcaaga aaaagggaaga actanaaagg ctgaanaaac atgtaaaagg 420
tctacttaac aggttgagtg aacccaacat ggcttccatc agtgggcagc tggaggaaact 480
gtacatggcc cacagcagaa aggacatgaa tgacaccctg acctccgctc tcatgggtgc 540
ctgcgttcac tgcctcggcc atgccaaca gactgatgat ggagcatgtt ctcttagtca 600
gcatecttna ccacacagtt tggaatcgag gtcngtgccc actttcttgg aggcattggt 660
gaggaaagtt cgatgccnnt cttttnaata ccggaagcca aagggaang anttgnaca 720
acctgttcac cgtcattggc cattttatac aacttcccggt ggttct 766

<210> 3719
<211> 755
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (755)
<223> n = A,T,C or G

<400> 3719
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agggacaaac catctccaga gccttaatcg catctgtaaa gtccctttta ccatgtaaat 120
taatattcat agtttctgaa gatcaggatc tggatttctt ttggggcaat tattcagcta 180
accacatatt ataatgagga agcacttctt gggaggcatc ataatgcttg ttttttcttt 240
tcctaaatag agtatcactt ttacccaaat ggaataactc gctgggttat tttactgagc 300
tcttgatgct catttctttg gtcttctctg tgatgaatta atgtttctat atggacatca 360
tgcacaattt ctttattcct gaagaatatt taaaatgnt gttattttat gttgtagttg 420
gtgtaatacg gtgcccagta tgcccgccaa gaatgcagac agatagacct tgtggataat 480
tattttgtga aagacacatc tgaagctcct agcagttctg atgaaaaatc agaacaggta 540
tgcttctcaa tttttcttta ttttctatc ttgatataca actgtaagta taagaaaaac 600
atgtttggat agttaagtca ttttaagggtg ttctgctatg gattcctggt tcaaatagaa 660
agttaaagat agctttctta tatactctca aacttagttn aatgagacta aagctattac 720
ttaaaatgtc aaaatttggg ccagcattgg gggct 755

<210> 3720
<211> 753
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3720

tttnchaatnc	taggctactn	gttctttttg	caggatccca	tcgattcggt	cggtgttaca	60
cacattcaca	cttgcaggcg	tgcaggtcgg	tggtgttaca	cacattcaca	ctgttgcagg	120
cgtgcaggtc	ccgtggtgtt	acacacatgc	tgttgcaggc	gtgcaggtcg	gtggtgttac	180
attcacactg	ttgcagggtg	gcaggttggt	gttacacaca	ttcacactgt	tgcaggcttg	240
caggtcgggtg	gtgttacaca	cattcacact	tgcaggcgtg	caggtcagtg	gtgttacaca	300
cattcatgct	gttgcaggca	tgcaggtcgg	tagtgttaca	cattcatgct	gttgcaggcg	360
tgcaggtcgg	tggtgttgca	cattcatgct	gttgcaggca	tgcaggtcgg	tggtgttaca	420
ttcacgctgt	tgcaggagta	caggtcagtg	gtgttacaca	cattcatgct	gntgtgcagc	480
tatcaacttc	atcttcagag	ccctttcacc	ttaaaactga	agctctccat	cacacaagtg	540
acccttcacg	tnccttccca	gtccctgaaa	aacactgttc	aagggttttc	ttcttgggac	600
ctcattgtgt	ggagtttttc	gtgtganttg	cagtnacaca	cgattggcct	tttttttttc	660
gttggttgaga	caaattcttat	tctgcttcca	atctgggggtg	tcanaatgag	accccatntn	720
aaaaaaaaaa	aaaaaaaaaa	aacttgagcc	ttt			753

<210> 3721

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3721

ttccaaatcg	cnaggctact	cgttcttttt	gcagggatcc	catcgattcg	aattcggcac	60
gaggcaggtc	ccctcccaca	tctaattccac	cactaaggcc	tgcttcttaa	tagctcttgt	120
tgggttttgg	ttgagacagg	gtttttgctct	gccgcctagg	ctggagtgca	gtggcgatgat	180
cactgcagcc	tccaaactct	gggatcaagc	agtcctcctg	ccttggcctt	ccaaagtgtc	240
gggattacag	gcgtgagcca	ctgtgcctag	cctgaatagc	tcttaaactc	atccactttt	300
cttctcttgc	acacctgaca	ccctagtcct	gctgcccctc	tctccacctg	gacaacctcg	360
cccaccccc	agttggtttc	ccctcatcta	ctcttgcttc	ctttcagtct	atcttctgtc	420
ctgaggtcag	aataatttgt	taaaaatata	aatgggggtca	agaatgagtt	ggggatggag	480
ctganctaga	gatgggttgg	gttgggggtg	ggacttggtg	aangcatgga	attgggggttc	540
aactgatgta	aaagntaaga	ataggattgg	gatgatgatg	aagggttgaa	tgggggatggc	600
ttgggggttg	ggggatgggc	aanggcttgc	ctactnacca	naatttgccc	tggttgcaca	660
aagttttaac	ccacacccaa	cctnccgntaa	nggctggggg	aacnttnaag	ccantccgaa	720
tagcttaang	ggccctgttg	ggcctttctt	gaanggggta	ccagtttttt	ttcct	775

<210> 3722

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3722

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cngnnnctng ttctttttgc aggatccctc gattcgtttt tttttagaac gtggtcttgt      60
ctctatccctc tggacactgc agcgtaacgag taacaacagg tcttgccaggc taaataactt      120
ataaacaaaaa ttctcttccct gaggagctag gtattccgat gtatcttcaa catagtcctg      180
aagttcatat ggcaatcgtc cttttggctt ctgaaatgca gaaggccatc cagatttcgg      240
ccaactagag gagtctgaag gaccagacaa ttgctcagaa acagaaggct gtttagaatt      300
ttctaaatcc attaagggca attctgggtac tttcttgga attggcttta agagctcatc      360
ctgcattttt aaaatctctc caactggatc aaatttttta tatactcgtt tgatagggtt      420
ttttaaaaca catgactctt caggactaca agcagtatta gtctgggttc ctacagaagc      480
ctgtccctgag gaagaatttg gactagctgg tctggaaact aagttagaac ccacaacagc      540
tgtctttcca tcactattat ttttacatc tgnatcaatg attaaacact cctcatctgt      600
atcactgctg cagagaactg tatcttcagt ttttgctgct tctgatccaa cagtcttttc      660
ctttgagttg gctanggttt ctagaacatt aggnctttca ccatcagcat gtaatatatc      720
tatagncata tcattttatt agaagttcaa tttcttgaaa t                                761

```

<210> 3723

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3723

```

ttgcaaannc cctgtttcna atnncnaggc tactcgttct ttttgccagg atcccatcga      60
ttcgtctaaa ttcattgntt atatttatat atgtccctaa tctcactca cattggccct      120
acaggtagat tcattgctca ctgtcagttc tcttgctgaa gttttcctat ttttctcttg      180
atttgctgaa attccttctc cagtagttta atcaaaaggg actaaatgaa aaaaaaata      240
ttcagttggt gcaagttcaa aaagggtttt agtctttgtg tttgattgac agctttccag      300
catataaaat tcttaggcca cactttcttt ccttgagaac ttcacagatg tcacttctgg      360
ctctagagtt aaatgccctt gtgggaaaaa cttgagctaa cttctatttt ggtacccttt      420
atgaattgat gntttcactt gactgnccaa agtctttttt atttaactgg ttcccccttt      480
cttttatatt ttaagtctag ttacttttca tagaaattac ccttggtatt gacagatttt      540
tgn cattttt ccccaaagac atgggtgtgc ctttcagttc gtagatttat cttcttttac      600
ttcaagaaaa ttttcttgga atgatatctt taaatattta tgttccctta tttgagtttt      660
ctattctggg gatataatg ggtgcccttg nagancttnc aaatctgnaa tttctctgna      720
atctctttac accggtcatt tcaatttctt ttgctcactt tctcatctt ggtctcaggg      780

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<210> 3724

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3724

```

gtgnntnnnn nntttnnnn aaggaactct ttgcnanttn ccttttttgc aggatcccat      60
cgattcgaat tcggcacgag cctagttaaa tcacaacaag ttagtaatnn ataaatgatg      120
tgtcctgttt ctcttttagta gaaattatat ttttggctac cagttaagaa acttgtctcc      180
tttgctccct atgttactat aaactcaaga tgatgagttt tgtggtattt gacttcatag      240
gcaaaatcaa aattttttact ttgttgctat tctgttttat gaaataaact tctgtctatg      300

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catttgaact	aagtttcagc	aaattcaatc	taaattgaat	aattccagct	cccagtttta	360
tcctatgttg	ctcataaaac	agttccaagt	atactgcatt	atcttgagat	ttgaagatat	420
ggtgcccacg	gggattatac	taggcaaagt	cgtaaagcag	ctctggccta	ggtgttggtg	480
attttaagag	actctatctt	aggagagctt	aagtgattgg	gctgcaggaa	gaagacattg	540
taaccacagga	attaaaaatg	gattcagatt	gcctgatttt	aacacttttag	tttcaccata	600
ggctaattat	gtgacattgg	gcaagagaca	taattcttct	gtccttagtt	ctacatttgg	660
aaaatagaga	tgatttggga	acttattaat	aagatttttg	tgagagataa	ataaacaat	720
nccttttgnaa	aaaaaaaaaa	aaaaactcga	gccttagaac	tntgnggg		768

<210> 3725

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 3725

gtncnatnng	tgntantnng	cgnccttgcc	taaananata	ggntngggcg	tgattctgga	60
acagagtgc	caccaggaga	atctaagaat	ttgggtcaaa	aagaaaatgg	caattacatc	120
atgtgctcta	ctatattttc	ctgtgtatct	aaaagtatct	ttttgaaaat	ggaagggtag	180
atgacatttt	ctccgatctt	tattatgttc	ggttcacgga	gtggctacat	gaagttctga	240
aggatgttca	gccccgggtc	actccacttg	gctatgtctt	gcccagccac	gtgactgagg	300
agatgctatg	ggagtgcagg	cagcttgggg	ctcactcccc	ctccaccttg	ctgaccaccc	360
tcattgttctt	taataccaag	taagtgttct	agaggtctca	ctgctggcat	ctgtccagtg	420
aagagtgtgg	aagctatcca	agaggccttc	tgaattcctc	tgacatatat	ttgagaaagg	480
gcttggaactg	tgaaaagaaa	tgtggccccct	tccatcttc	aagagagatg	gaattaatga	540
tggatggacc	ctggagggaa	tctccccagc	ccgactttca	ctgggctgac	agactttgct	600
gaccacaggg	gaacnatgtt	cntttctttt	cttcattgatc	agacntaaac	ctagcntent	660
taatggaaga	aaaatgaagg	gggaacttca	attatgantt	attcaacgac	caantttnta	720
ttacnccccct	ccttttatga	ccaagntgac	catttnnnat	gttanngtta	aaaaaccttt	780
cccttgccct	tnt					793

<210> 3726

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3726

gnnnnttnnn	nnnnnnnnnt	tttnannata	cagctcttgt	tctttttgca	ggatcccatc	60
gattogctga	caagtctgaa	atacatattg	gagcctggta	gaactgaaaac	tcaagcaaga	120
gttgatgtta	aagtcttcag	tctgaaattt	gtagggcagg	agattaggct	ggaaactcag	180
gcagaatttc	tgtgttacia	tcttgaggca	taattcttct	ccaaaaaat	ctccattttt	240
ttctottaaa	gccttggatg	agccttggat	gattggatga	ggactaccca	cattatctag	300
ggtaatctcc	tttgcttaaa	gtaaactcac	tgtgttaatc	acatcaacaa	aataccttca	360
cagctacatg	tagtgtttga	ccaaacaact	aggcaccata	gcctagccac	ataaaattac	420
tatcattata	ctttttctta	tcacatactt	ctaccttggga	agggatattt	cccagttggt	480
atagctacaa	aacagaggca	gatcatttag	cctgcatttg	atttgtagtg	aaaaataagc	540
ctttgggtgtg	tttaaccact	gaaatgttgc	ggtttattag	tatagcacia	cttatcctat	600

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actggccaac atagatgctt tcggttgcaa gtaacagatc cccttacagt ttacaaaaaa 660
aaaaaaaaaa actcgagcct tagactatag nagtcgatcc gtagatccag acatgataga 720
tcattgatgag ttgggacaac cacacttgat gcagtgaaaa 760

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<210> 3727
<211> 780
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (780)
<223> n = A,T,C or G

```

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<400> 3727
aaacgcttgg nnnnnnnnnn ncctttttng gatacagntt ctangacaan agctacttgt 60
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agggatctat gagaaagggt gtatctaatt tttttatgga ccataaagggt ttaaaagaaa 180
ataggggcac aggcgtgtga ggtttttatg ttgttataga cttttttaaa ttatgttaga 240
gatgtntata ggnattttaa ggtcactggg agcgtttctg attcccgccc acactttgca 300
tttcaacact cagcccggaa agatgctcgt tcggntgttg gacctctttc actccctgcg 360
tgtaagaagg tgaatcacgt gggaaaaagt gatccttagc aacgtgccag gacacttctt 420
gtgtgcctgc agttgtcang gaccatttgg gatcccgaat ctcattctct aaaactgctt 480
tcttgaaaca tgttacttcc ttagtataat caatgtatac tcccttactg gcctgaaacg 540
ttgtatagct acttattcag atactgaaga ccaacggact gaanaaaaga acaaacatta 600
gctattttat gctgcaagaa ccaggacaca caattcgcca atcatccac catataacct 660
tcgattggng cttctcaact ccaccccata atttcttcca gagaccatct atcanctttt 720
ccccaaagaa gaaacaaaac cngttgcacc ttaaaccatg gatatttttt cctcangggc 780

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```

<210> 3728
<211> 774
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (774)
<223> n = A,T,C or G

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```

<400> 3728
tnggcnnnnn gnnngnnnnt ttnnnntatac agtacngaag ctctttgnaa tnnncntttt 60
tgcaggatcc catcgattcg aattcggcac gagatatgct gaggtcctgg cctccagta 120
nttagaatgt gactgtatgt ggagatggag atacagcctt caaagagggt agtaagttaa 180
actgaggttg ttaagatggg ccgcaacca atctcaccgg catccttaga agaaaaggag 240
ttggagacac agagagagag gctagacaca ggcacacgtg aaggggacgg caggggaagc 300
ggcagcgaga ggggtgctgtc tacagccaca gagaggcccc tgaggagacc aacgctgccg 360
gcaccatgat actggactga cttaccgnet ccagaactgt cgaaaagaca tttctgttgn 420
ttaacaaaat agcagtctgt agtacttcgt tctggcagcc caagcagact aatgtatagg 480
gcattagatt gggcgtaagt aaaatataaa ggaacttaag tattgaatag tgcaggtgct 540
gtgaggaggg atacattgng ttntgntatt ggtcatacag agctagctgn tacctgaggc 600
ttcacaatgt aggnctact ctaatgctgc tgcttaaaaa accccaggcc gggcatgggg 660
tggctcacgc ctgtaatccc agcactttag gaagccgang cgggcggatc acgaggtcan 720
ganggnnaga tcaacctggc caacatggng aaacctgtc tntactnaaa anac 774

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```

<210> 3729
<211> 779

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<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(779)
<223> n = A,T,C or G

<400> 3729
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 tctgcagatc ccatcgattc gcgaggccag ttccaggccc actttttgcc ctgtgagccc 120
 cctgcattnc tggnttntcc ttttncaggc tgetnctcng tggagcttct ctatttnaen 180
 tctactactg tatecatgnc tntagnnggn cctntcagtg atgtngetta tntccccaat 240
 gacactgatg ggagctnctt aagaacangc tgtntacgga caaggatgtg aagtgggtaca 300
 agggaaaagt angccgntta ggacctgtgg gtgtgtcatg actgtgcttg tatctcttgn 360
 tagctttgtg gccttaggtt caatgctgac cctttctgag gctcaagttt ccttatcttt 420
 aaaataggta tttaaaggaag taatccggtc catacctgag cctgggtatg cctcctctcc 480
 ggacgttcct gttttctgat cgtcttcagc acagacatga gtaaagtgc aatgaccagt 540
 cctgtgactt actgagggca aggtgttcca attcagattg tatactgata attacacagg 600
 gaaataagag aaganacaag ttanaagcct gnagattata gatgtttttg aagaatacat 660
 tnttttgcac taataaatgt gaccagtttt taaaaagttt tcagtattag aggaaatagc 720
 caccgccata ctacttctac tactgcaatt actatttagc aatttttatt ntttctttn 779

<210> 3730
<211> 757
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

<400> 3730
 gnnnttnnat nccccncttg caaanctntg gctacttggt ctttttgcag gaccatcga 60
 ttcgaattcg gcacgagccg gacagagagc gcaggagccg cggtaacccg gcttcgtgct 120
 ggggctggat gtgnggcagt tctgtgatec gctgccacgt ctatgaccgg gcggcgcnng 180
 gtctgcgggt tccagcgtgc anaaggtaga aaatctttat cctcaaattg gctgggtaga 240
 aattgatcct gatgttcttt ggattcaatt tgttgccgta ataaaagaag cagtcaaagc 300
 tgcaggaata cagatgaatc aaattgttgg tcttggcatt tcaacacaga gagcaacttt 360
 tattacgtgg aacaagaaaa caggaaatca ttttcacaac tttataagtt ggcaagactt 420
 aagagctgtt gaacttgtaa aatcttggaa taattctctt cttatgaagt agagacaggg 480
 tttcatcatg ttgggtcagg ttgtcttgaa ctctagcct cagtgatcc gccacctcag 540
 cctccaaaat gctggtatta caggttcatg catccaggag catatgcaag atactgaaca 600
 gttccgcact acaaagatct cttgngttgg tcttctgtaa ctatatctac cactctncta 660
 tacacctcct accctctctc attcctagct cctggcaacc actaatctgt cctccattta 720
 aaaaatgttc taatttgaaa aatgtatatt catagga 757

<210> 3731
<211> 798
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(798)

<223> n = A,T,C or G

<400> 3731

ggnnnttnna	ttccccccct	ttgcaaaten	ataggctact	ngttcttttt	gcaggaatcc	60
catcgattcg	tgtacatgtt	ccagtgggat	gggaagcagc	agagaccaac	agagtctgaa	120
gaagcaagct	tctgagttat	gaaagcctgg	gttcaggaga	ctaacctata	tgtagggttc	180
taggaaagtc	cagttaaagg	gcctactttg	ccactgctgc	ctccttctta	atgctgaacc	240
tcctctccca	caagggggca	gtctcagcag	gtgtcagctg	agccatgtgt	catctgtcca	300
ggctaactgc	ccacacatcc	ttctgcaaag	ggtacctctt	ggttatcagt	gctcactgat	360
ccctatataa	tcagactcta	atccctgtaa	aaagattact	tggtgctagc	caagctagca	420
cctttgggtc	ttcccaaaca	tacaccacta	atccagactc	taataacttc	atttccttta	480
aattacaaga	tcagagctga	aataggcctt	agaaaagctag	tctgggctgg	gcgcaatggc	540
tcaagggagg	cggagggtgc	agtgagccaa	agactgcgcc	actgcactcc	agcctgggca	600
acagagcang	acttcatctt	gcaaaaaaat	aaattanatn	aattaaaaat	ntgaacctat	660
atgggattta	acctcttctt	ctcaattaaa	agttatttta	aaaaaaatgg	caaaaaaana	720
nnannngnaa	naaaaaaaa	cttcngaccc	ttttnaaact	nttangnggg	gtccnnattt	780
accggtagaa	tcnagnn					798

<210> 3732

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3732

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tcgattcgaa	ttcggcacga	gnaatcaata	tttttcaata	gaagtattag	agggtttttt	120
tattgatata	aaaataacaa	ttacagatcc	tgatatatag	aagttattca	aaattataca	180
gttttcaaaa	aatcaagaca	agtaggcccc	atacaaaacta	ctgaatcatc	ttctaatttc	240
cctctaaaaat	atztatagaa	atatgtaagt	agaaaaacat	tcctcctttc	ctcgtctaat	300
tatgatcctg	ccatattcca	ggcacaaagag	aaagctctgg	ggcttgagtc	ttaatagggc	360
tgatagtcca	accaggggac	agggtatcat	aaagagataa	ttcaaaaactt	taagattgga	420
gggtagggtga	tggtagaaaa	ttctgcggca	aacatttggt	gatgctcatc	atttggtgat	480
gtcatcaaaag	atcaccaggg	cataattata	atcaaaaatta	gttttattga	tgcttgctgc	540
agcaagagag	actgcacacc	actgggggtct	atgggtgctt	ctcagtggga	agggtgtaagg	600
aggggcttgc	taagaatttg	agcacatgta	gctaatttta	aggagggctc	aagtgaagcca	660
aggggtttctt	ctggattgag	tgctgtccag	aaagtggatt	gagtgtctga	gaaagtggga	720
gtgattttgc	actgggganc	ttaattttta	tggttggggt	gggang		766

<210> 3733

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 3733

aaatcnncag	ctacttggtc	tttttgagg	atcccatcga	ttcgaattcg	gcacgagggga	60
aaactgctaa	attaaaatac	tacattttac	ggaaactgtg	gagctgcctc	cttgatagaa	120

tggttaggtct	gtttttgttg	tcttctgcct	atgtctcttg	acttgtagtt	tcttttgttt	180
caaatcactc	tgccctcgta	tatacttttg	ttagactact	tttgggtgaag	cactctccaa	240
tagaagaaca	taatgtggtg	tcaattgtgt	agggatcgcc	caagcggtgt	ctagcatttc	300
tgctccccag	cagaagccat	tttatccagc	cagagttgtc	cttcacagtt	ctagcatagt	360
ctaaactcat	tttctcattg	ttcatattct	ttctctccca	cccactctgt	cttccctggc	420
aattcaagtt	aaattccatc	tctctctctt	gagtgctcc	cctgaagtaa	gatttctgtt	480
tcttctggca	ttttacctct	aaatttatca	ataacatgtt	tattctgctg	ttcttaatgt	540
cgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	agtgatttta	atcttctctt	gaatttagaa	600
gatgagaatt	tagtctttct	cttttcccca	ttctacatt	actcctaaat	tgaatcttta	660
atataaaatc	atttatttta	gtttccagtg	tcatacataat	tttacctttt	ttctactcag	720
gactataatt	cccagca					737

<210> 3734
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3734	
aaatcnhnag	gctactngtt
tnaatnntng	tttganatca
tttgccactg	gagaaaaatct
ggtaagggat	attatnnnta
ctctggattt	aggttnnaaa
ntaaatcccc	tactntcatt
ggngntgttt	tggatntaat
tnagatgtnt	nntaatnttt
gaaagttttc	aggcatgcca
ggcttgaggg	aatggcttag
agnntnacgt	tgnnaaactg
nctntttctt	tactccanat
aggggtgtccc	ananggatgc
caa	

<210> 3735
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3735	
anantacan	gctacttggt
tcagtgttgt	aattccctat
aaactgcagc	agcatctgaa
gtgtttgtta	gttctcgttc
gccatccttt	ctttctgcat
atctctgatt	tccttgagga
tagaggggaa	gagaatttgg
catctcagag	cagaagtttt

```

cattttttgaa gactgggacc aggggttggat taaacttttg tgatgggtcc atttgtgtctc 540
aacacaacac tgagcttctc ctggatcttt gaaaccacgc agaaactgtt gctggactct 600
caaattgccca caaggtagac cagaaagagc ctgaaaaccc gaactccaac catctttttc 660
tttccttttt aatgcagaca tgggtgttgc atgttgacgt gagcccgaga tcgcaccact 720
acactccacc tggcgacaga gcg 743

```

<210> 3736

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 3736

```

aaatcgctng gctactcggt ctttttgcag gatcccatcg attcgaattc ggcacgaggt 60
aagcaatgtg ggaaagcctt cagatctgcc tcaatccttc aaatgcatgc tgggactcac 120
cctgaagaga agccctacga gtgtaagcaa tgtgggaaag ccttcagatc tgccccacac 180
cttcgaatcc atggtagaac tcacactgga gagaaaccct atgagtgtaa ggaatgtggg 240
aaagccttca gatctgcaa gaaccttcga attcatgaaa ggacacaaa acacgtaaga 300
atgcactctg tagaaagacc ttataaatgt aagatatgtg ggaaaggcct ttattctgcc 360
aagtcatttc aaatacatga aaaatcttac actggagaga aaccctatga gtgtaagcaa 420
tgtgggaaag cctttatttc tttcacttct tttcgataac atgaaaggac tcacactgga 480
gagaaaccct atgagtgtaa gcaatgtgga aaaaccttca gatctacctc acaccttcga 540
aaacatggta ggactcacac tggatagaaa ccaaagcagg tgaatcacct gaggtcagga 600
gttcaagact ggctgatca atatgatgaa acccctgtct cttctaaaac tacaaaaatt 660
tggccagcgg tgggtggcctg gcttctgnaa tcttagctag ttgggaaggc tggcacagga 720
gaatcgcttg gatcttgggg ggcanagg 748

```

<210> 3737

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (768)

<223> n = A,T,C or G

<400> 3737

```

ggnnntttcaa anccgnnttc aaancnagct cttgttcttt ttgcaggatc cctcgattcg 60
aattcggcac gaggtttttt aaagaacttg ataaatttac cttaaaattt aaataaagta 120
tactgaataa ctaagtcaac ttagaaaaaa aaaagtgtta tctaagacaa gttacaaagc 180
catcaccaaa gcccatgatc cggcagacga ctacaagcat agggtcagat ccatctataa 240
atgagagcct gacatacttc atctatagca aacatgggag acaaatcagt ggtaaaatga 300
tacagtgttt gggaagtgtt atttgaaaaga tgggcttatt taatgtatac agatgaactc 360
aattcctctg taatagaaac ttgttctcca gagagattat agatctaaat gcaatgaaga 420
aaataccact ataaatttag tactctttat tgtaattatc cccaatgggt atttttactt 480
tctcacttct tagatgattt tccaagtgtg tctagtatct gagttaaaac aaaattttta 540
actttcttat aaaacatagc gtgcccccat tttagttcat tttctacata gaaataaata 600
aaacacttag ataacagttc agaaatagtt aattaaatat atcccagatt cccacagatc 660
tggaaaaatt atatcttcaa aatacttctg tctggtggat atgtgtcttc taaaaaaaaa 720
aannnnnnna aaaaaaaaaa cttcggncct ntagaacttt agggngtc 768

```

<210> 3738
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 3738

gnnnnnnnnn	tttnnnnnntt	tgaanccctt	tgtctctngnt	ctttttgcag	gatcccatcg	60
attcgtgacg	agcgactgta	gacgttgcca	gcatgtattg	atcaggagca	gcctgtgagt	120
caagactgac	aacagatcaa	taaatggcctt	ttaaaaagca	aaaccctca	agctgtttat	180
ctaggaagcc	tgacaaaccc	tgcccgcagt	ggtgtggccc	catgtgtccc	cagggcctgg	240
ggcccacctc	tgcccagaa	gtcctcttag	tgtctgtaga	caggtcccat	ttccaccagg	300
tcaaccaggg	ctgtggcagt	ggacctggat	ggcaggcaga	gcagaggacc	gctgttctat	360
ttgttgaagc	aacgaggcac	agtgactgtt	ctagcacagc	tggctgtgag	aaatggcgat	420
gatggatcca	ctttagatcc	gaagtcttag	caaactcagg	cctcttttcc	acagagaatg	480
ttgtgaagac	ctgggaatga	gctgttgatg	tgcattttta	ggatgacagc	ataatggaga	540
aaattggaag	tagcatatgc	caaagtatga	agtgttcaca	cagctccctt	gggttgggtga	600
tttatgggaa	gcttttttct	cctttatact	tttatctact	ttctaaatct	gtcaatatgc	660
ttngtcttct	tatgaacaag	aaagaaaagt	ttaaaaaaaa	annnnnnnnn	nnnnnnnnnn	720
naaaaaaact	ngagccttta	aactntnggg	gncgnttacc	taaateccann		770

<210> 3739
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3739

ggnnnnnnnn	ntttnngggca	nanggaaaacc	cntangcaan	cnactganag	aacccttggg	60
aaggacccca	ncgaancgaa	ngcggcacga	gacanacagn	nnannantta	cacaccgggg	120
ntggnggang	aataangagg	annnaangag	ccnctnccg	aggnggccn	aagnncgcag	180
aagacaaaga	nccnggnnc	aggccangaa	aggactgaag	naaananngn	aaanaagnac	240
agcngaccct	ngaacaacan	ggaggnnagg	ggnnacagnng	aaaancngca	tgnaagnnga	300
ccngngcagn	ccaaaaccnga	gngnaacngc	ngaathnaaag	gggcnnccnn	cngcncanag	360
anagnaccca	natnnacaaa	catgctagag	aaaagcaacn	ggggnaaaac	nngccccac	420
tagagaaaang	gacaggaggg	annaagncac	nnggaaagan	aganagcaga	actaagcnng	480
gnaaaagccc	angaaagggn	gganacnana	aagnagccaa	aacnacncna	gcaaagcann	540
nnaaggcaga	aaacnggggc	aanagnaacn	aacncngggg	gccaccnaaa	aannnncanaa	600
cagggnnaaga	ancacannnn	nnacancang	caaaccancc	nnacagaggg	agcnnaccnn	660
gggaagagcn	nnnaaanggn	acaggncann	nnagaagagn	aanaccnnca	ggcaaaaangg	720
gacccaaggg	acanagaaan	acaaaannngg	nnnnncacac	acngaaaaaa	anngaagcaa	780
aac						783

<210> 3740
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 3740

ttatanatac	agctcttggt	ctttttgcag	gatcccatcg	attcgtttta	acagtgtgcc	60
tttggggagg	gacccatgtc	catggcttcg	ttgagggcca	tccatatgcc	agctgggggc	120
cagcccacag	tggccatatt	ggctgcagca	ggaatggtgc	ccacctcggc	gaattgaagg	180
gctaagagtc	ccagatagct	aggccagagc	tggaagcaga	cagtaagggg	aagagctgct	240
cccacaggag	agggagagat	tccagctcac	tgcgagcct	gggaggaggc	gtggatcctg	300
gcacgctgag	cctcaggcac	cagcctccct	gtgctcgaca	gcaaagtctt	gactccttcc	360
tgctgagcac	tgtgctacct	tactgctcc	aaagccagac	taacagctct	ccaagccctt	420
ggggtgactc	ggcttccagg	agctgttgga	gaaatgagga	tgtctgtccc	tgtctgcctg	480
ggcaggccag	attcctcccc	agcagccggg	tctctccaga	ccctgattcg	gtgcctttct	540
gtttaccagc	tacttcaatc	ccaaaagtttg	aatctgcaga	taccttactc	ccagccactt	600
tgcttcttta	ctgtgttggt	tgtttttctt	ggtgcttcaa	ganctgtgtc	anggcaaagt	660
gcccgtcact	gggaactgca	ccagatgctc	agacttggtt	gncttatggt	taccaataaa	720
taaaagtaga	cttttttctaa	aaaaaaaaaa	aaaaaa			756

<210> 3741
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 3741

tnaatataca	gctcttggtc	tttttgagg	atccctcgat	tcgaattcgg	cacgagactc	60
tctctacaac	tgacagagta	aatagacaaa	aaatgtatgg	gggatatgga	atattttatc	120
aaacaaagta	aaaagcttga	tctaacaggt	gggtggggcca	ttctancnac	cannngaccn	180
gnatntaaan	cnatnangn	tncatccana	ttcattgttg	cntntnnnnt	antgatntct	240
gtntnanttn	tcanntntac	antnnancnn	tnntnnnacn	naacagncac	tannaggtcn	300
annnagctnn	aattnanncn	tntnannccn	tnnctcnnnt	nattntnnnt	nnntntnncn	360
anactnttnc	antatnatan	ngnatcntnt	actnttnttn	nnnnantanc	nnnnnanngn	420
ntntntnta	ctannngncc	tanttnannn	atcnnnnntnt	ntacatctnt	nctactnatn	480
atnnncannt	nataatatnt	nnntnnnatna	aaggantnnt	ntncnnantn	cntnnnnana	540
natnctnatn	nnccntannn	nnntnannttn	nnnaaananna	tnnnnancnt	tannnnnnnn	600
nnnnannntt	annnnnnnnnt	nnntnttnnn	ntnnntnnnn	nnnnnnnaaa	nggnanannn	660
nnntnnnnca	attntnnnnn	annnnnnnnn	ttannnnnnn	antannnnat	nnntnnnnna	720
ntnannaant	ttnannttna	n				741

<210> 3742
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 3742

```

atacagctct tgttcttttt gcaggatccc atcgattcga attcggcacg aggaccacct      60
acggaaaaact gagggcccaca taagctcgat tggttgtacc tccaacagat atttattaag      120
cacctactaa atactgagcc cattgcaagc accagggag cctctgtgaa cagcacaagg      180
tccttgctct ggagattctg cttcagtggg ggagacagaa aataaacagt tccccgtcac      240
caattttcct tggaattgga cagatggcag ccaccataat gatactatat gtgtccaage      300
taaacaaaat cattcacttc cctgattttg ataagaaaat tccgtgaaag ctgtttcctc      360
tgctctcct ctacgttgga aaccacataa gtggattatc aagcacaagt aaattaagcc      420
taccgatgtt caccgtgctc aggaaattca ccattccact taccttactt ctggaaacca      480
tcatacttgg gaagcagtat tcaactcaaca tcactctcag tgnctttgce attattctcg      540
gggctttcat agcagctggg tctgaccttg cttttaactt agaangctat atttttggat      600
tcctgaatga tatcttcaca gcagcaaag gagtttatac caaacagaaa atggccccaa      660
ggactaggga aatacgggta cttttctaca atgnctgctt catgaatata caactcttat      720
tantagnctc tcactggaga actgc                                     745

```

<210> 3743

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3743

```

tnagatcagc tcttgttctt tttgcaggat cctcgattc ggtacaactc ttaaagcttt      60
ctacatttta catatacagt catctctcag catcccgagg aagattgggt ccaggatggg      120
ctcaagggtcc tgatataaaa ttgcgtagta tttgtatata acctatgtac atcttctcgt      180
attctttaat ctctagatta cttataatac ctgatactat gtagatgcta tgtaataaat      240
tggtatactg tattattttc aaattgtttt attgctattt ttattgcttt tccctgaaat      300
atttttaate cacagtaggc ggatgcagaa cctctttata cggaggggtcg actgtgtagg      360
agtgagctag tttcagttaa agcagcggtg gttggtagtc atctctcacc tgcccccacg      420
tagtgtagct agggcatcag ggagtactga tctctggcat catctgggat caacaggatt      480
ttcttgcttc acaggcctgt gagcacatta gaaatacacc tgctcagctc aagtcaaaagt      540
gagaagcttt tgaatggagt gataaccgag taggcagtat ctaaataaag atgattgggt      600
caagtctcag tggacaaatg tgtaccgttc tattactgnt gactgtgact ttgaagtata      660
tggngttcat taagcaaata caatctgatc gtatgaaaag agcaccoccaa aaaccaaata      720
gaaaccattt atcaggactt ttgnagctat gaaa                                     754

```

<210> 3744

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 3744

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tnagatcagc tcttgttctt tttgcaggat cccatcgatt cgaattcggc acgagctttc      60
tctggcagtg attcctgaag ggaaaatcat gaacaacacc tactaccagg aatgcctctt      120
ctacctgcac aactatagca ccaacctggc catcatcagc ttctacgtga ggcacagctg      180
ctcgcggaag gctcttctgc acctctcaca caaggtggga catggacaca gctcaaaaag      240
gcagtctcag ccttactcct ctggcttggg ccactcagcc ttaagcggga caataacccc      300
ctgacactta acctgtgtt gagctatggg gccatctcta gcagagtcaa gtcaaaacag      360

```

```

gggactctgc acaactgtta ttcagtgagt gtgaaaagtc ttagcctaga tcccaaatca 420
ctgccctcac cagcaaaggg atgtttcatt ccttctgcc aacatgcag cagaatcgga 480
tagtgggttaa gagcatgtct ctggaatgag atgctcagtg tgagtcttgt gtggccttgg 540
gcatattgct tagagtctgc ttcacgcgc ctcctacct ggctgggat ggtgtccagc 600
ttctgaccca nctgctggtc cattcagagt tgtaactaca agggccagga agtaaccatg 660
gtgcaaatcc tatagttgaa ccccaaatag atgatgaaag aagaaaaann nnnaaaaaaa 720
aactcgagcc tntaaaacta tagtgagtcg tt 752

```

```

<210> 3745
<211> 770
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(770)
<223> n = A,T,C or G

```

```

<400> 3745
gnnnnnnnnn ttngnnntnt gaagccttta ntganttccc ttttttgcag gateccatcg 60
attcgacgca tccacatgac aggcggcgcc gaagggatcc tggccctgac ttcatnagc 120
tgttgaaacca tctggaattc acaggcctgt catgagagac acgatgagaa gtccttaaag 180
gtagatcact gattcacagg ggagcaggcg gaggcaaggg tgagtcagtg cttggaaactc 240
agtcattccag atttggctct ggaaacttct gaagctgtag cctttgggga tccctgactg 300
cgagtacagg aagccaacgc tatgtggtct tctggaaact cattatcttt ttactgggtg 360
ctatctggga aaaacagatg aaaacctgaa ggtgttctgt atgtgtgctt tcaaaagcaa 420
ggatctggcc ggacgcagtg gctcaggcct gtaatcccag cactttggga ggccgaggca 480
ggaggatcac ctgaggtcag gagtttgaga ccagcttggc caacatggcg aaaccatctc 540
tactaaaagt caaaaattat ctgggtgttg tgggtggcac ctgtaatcac agctactcaa 600
gtagctgagg cagaagaatc agttgaaccc aggaggcana ggttgcantg agcagagatc 660
acaccactgn acttcaacct gggtgacaag aatgaaactc cgtctcaaaa aaaaaaaaaa 720
aaaaactcga cctttaaact atagtgagtc gtattacgta natccagann 770

```

```

<210> 3746
<211> 776
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(776)
<223> n = A,T,C or G

```

```

<400> 3746
gnnnnttnnn nnnnnnnnt ttcnaatagn nagctacttg ttctttttgc agggatccca 60
tcgattcgaa ttcggcacga ggctatgtgt tctgactttg ttgattcaaa taagtaagct 120
aaatcaattt aagccattaa taggtttata aagttatttg ctatgtgttg ttcttacatc 180
attgattcat gtaagtagac ttgtgtgaca gctaattctt aaaaaattat gaagatgtta 240
gacttctttt gatatatata tgttgattgt atgaacagat tgacatcaat atacttatc 300
attataaaaag atttgagtgg gaactcacca aatcccacac caaaaaaatt taaaatttta 360
ccatagtaaaa aaaaactaaa aagcaagatg aaattataca tagttcttgg tgtagtattt 420
ttaattttta ttatttattt ttatagaaat ggggtctcac cattttgcca ggctgttctc 480
aaactcttgg cctcaggatg tccgctgccc tcgacctccc aaagagccag gattataggg 540
atgagctacc atgcccggct agtgtagtat ttttaattt tacttaatgc tgagccattt 600
tcaaataacc tcatcacatt gattatgacc tcatgcaaga accatctggg ctatctttca 660
gtgtagttgt ctttaatatc ttagaactat tgcattctgn ccttttttgg gaatggttta 720

```

tgctttttaca gtcttaacca ttgtctctta atatcacttt ccgcgggnaca actggg

776

<210> 3747
 <211> 960
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (960)
 <223> n = A,T,C or G

<400> 3747
 tannnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnaennnnnag gnnennnnnnnt 60
 cnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnangtannt nnnntntnnnn 120
 nnnnnnnnnnn ngngngnnnn tttnccaaaa taccnagtt ttctaaaatn ccttgggcnn 180
 aatccgcate tcgngcaag gcgaccntc gnattccgna attcggcnac gaggggcaag 240
 gagtatngan ttctattcag gaattttntt cangcaattt natcaatctt attcttgaat 300
 tntattcacc aataatggct cggcatngan gagtntaaag tnaggaaaca nngctatcct 360
 tattcacatt ttgcaaagtt cctccatggg ctactatgat gantaatcaa ngncangng 420
 gaggtaanaa gtgaactngg ganactngtt gaccaccnca ctcaatccen cngatantgg 480
 caccatntac tnanggnnnn acnnatcnnn atnacattaa gaggatgntt acnctgata 540
 tgttgactgg cttgttggaa ggacctatag ctggaacatg cttccattgc caagaaagga 600
 gctacaggtn aagagacact agntnacnt atgatngccg gnttccagcc tggcataatg 660
 gnganttgc nntgacntna atagcatntc ntgnacaat ngaactnnca agatagaana 720
 agcaanngca agggaaatct tgcntgcttt aacccttact catcnaaang gcctctenta 780
 ctncaaaaga ttacanaac cngcttacca ttatcaacn ccaatgctgc ttaccgtngg 840
 tnaaccaccc aannttgnt ttaaaataac cacaangnt ncnaaaangc cnaaactcnn 900
 ancctntaga actataagtn nntcaagatc cctatnatcc atncttgata aatanacgnn 960

<210> 3748
 <211> 758
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (758)
 <223> n = A,T,C or G

<400> 3748
 tttnnaatnn ncantctctt gttctttttt cagggatccc atcgattcga attcggcacg 60
 aggtgacaca gagacagaga aacctcccc acccagggaa gcagctctgc agagtggca 120
 ggatcagggg ctagtctgaa cccctagcac agaactca cctcacggaa gagtggccag 180
 aatgttttcc acataggtcc tggctctcac ttctctcac tgagcagggc tgcccaacgt 240
 gggacttctg cacaaccatc ctgcccctgc ctgaccatt caatcagagg cagcctggca 300
 gttaaaggaa caccacaca cagaggtgaa aaagaaccaa ttcaagaact ccagcaacac 360
 aaatgaccag aatgtcttat gtccttcaa tgattacact acttctccaa caaggttctt 420
 aatcaagttg agttggctaa aatgacagaa atagaattca gaatatggat aggaacacag 480
 atgaccaaga ttcaggagaa tggcaaaacc caatccaagg aaactaagaa taataataaa 540
 atgatacaga agcagaaaga caaaatagcc tatataaaaa ataataaac tgatctgata 600
 gagatgaaaa accaagctga ggaaagaatc ttggaactgg aagactggct ctgtgaaata 660
 agacaggaaa aaaaaaaaaa gaannnnnnna aaaaaaaac tcgagccttt agaactatag 720
 tgagtcgtat acgtagatcc agacatgata agatcctt 758

<210> 3749

<211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (771)
 <223> n = A,T,C or G

<400> 3749

gnnnttnnnn	nngnnnnnttt	aaaatacagc	tcttgttctt	tttgcaggat	cccatcgatt	60
cgctgtagtc	ctattttggc	atatgacatg	attgaaatca	acacctctta	gaaatagttt	120
tgctgectca	taattgatta	ccatcatgat	aacctgtagt	cagtgtgaaa	tagagataaa	180
aattaatgta	cttagttaa	tgcatatgaa	ggctaatct	tggtccagag	ttactcttac	240
tggattattt	ttagattttt	attaacatta	ctggctctca	actttactca	gtctggataa	300
gaaaaagaat	accatgcaat	tgtaaactat	ttgatgttta	ctagattaac	tattaatata	360
ttgttgggt	ccatatttaa	gagttacttt	gttactagag	atttcattat	agtgggtgtt	420
aatatagttt	tggttatttt	taactaaaaa	tcattgttat	ccttcaactg	tagattctac	480
tatgaaatga	ggaaaaatca	gcaatagaat	taattgggtt	caaagtatat	aaataatgat	540
gtgggaaagg	gaagtcagag	ggtatctctg	gaagaactga	tttatctgaa	ggtaatactg	600
agtgaagaa	cctaagattg	tagacaaagc	atgctttatg	caattttgct	ggcatagta	660
gtagtagagg	ctctataaat	gtgttgggtg	tttttgggtt	taaagagaca	gtgtctcgct	720
atattgcccc	aggagtttaa	agctgcagtg	ccctgtgggt	gcacctgtga	a	771

<210> 3750
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (766)
 <223> n = A,T,C or G

<400> 3750

tgnnngtttc	naatagnnag	ctcttgttct	ttttgcaggg	atcccatcga	ttcgaattcg	60
gcacgaggtg	aattcctcag	caccaagttg	tttaacacag	aagagaggtg	gaaacaaaaa	120
atgcttgggt	tttactgggt	ttcttttagc	atttctgtct	agtcgaaatg	ggggccaggc	180
ttgcacacat	agacaactga	attaatgtaa	ccggacctat	tccatctagg	ctgacctctt	240
gaaagatagg	aggggaagtc	taaaacagga	gaaaagtgtt	agaaatcctt	tggattaggc	300
ttacccagat	tagtggtatg	taaaatatta	tgatattctt	agtgtttcag	gattatggat	360
tttagtaaaa	gcagaaaaaa	ataaattctt	gtttaactga	atctataatg	gcaccagtgg	420
tttggaaca	tttctgagtt	acttgatttt	atgtgaaaaa	atctggaata	acttttcctt	480
ttttccttta	gaccattttt	cttttattta	acctaatacg	agccacttta	taccaatttc	540
aacaatatatt	ctgaattcct	gtgatctttt	atttcctttt	tgctgctttc	agctgtgttt	600
ctctccactc	taagctcatt	aaagttaaaa	aaaaaatagg	agattggacc	catttttttt	660
tctgaggagt	gtggccgttt	aacaccctgt	ggtggctcag	gatattttta	gtagtatttt	720
cagctttcta	gaantgggtg	ncttanttag	naaatagtta	tnggaa		766

<210> 3751
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3751

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aggetncttg nnnnctantg aagcctttgc tactagctna gctcttggtc tttttgcagg      60
naccatcgga ttcgaattcg gcacgaggca tagttggaag ttaagggtga aaagagagat      120
aggggaaaaac aggtggaata atattgaaaa ttggatcaag aatatagggtg taggcgttag      180
ccatttttatc ctggggagaag ggaggaaatg aaatanaaac aggaatagat agacgttttg      240
aggcgaaagg aatgaatcca gcatgctctg tttagtgatg tagatgagat cacctgggaa      300
ggcatgaatg ggcgggcaga gtggggtagt gacttcagaa gagtaataag ggttgaaaag      360
cactgctggg tgagggggaa ggaatgtcca taacctgact ccagcttctt ttagaataat      420
taacacacgt tacactcctt atttaaacag agatcccaag atcagataaa tccataatta      480
cttatttggtt gtaccacaaa aatactatag ggggtctgctt actttctctt gaaagcatcc      540
ccttggtaat tattcttttta tgtttctcta attgcatgct ngagaaagca tctgttagat      600
gcaactagtc tttagacctt gaacacctgc agatcttggt gatgcatgcc caagttcaga      660
aagctctgaa agaagttgct ttaaaganga taggccatgg cttttcagat acngaccttg      720
aatctgtagt ggttcttang tttccaatcc taacattacc cacttggtaa g              771

```

<210> 3752

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3752

```

agtnnttnnt ttttgactcc ttgctgggct cttgttcttt ttgcaggatc ccategatcc      60
gaattcgggca cgaggccaca tagcaatggt ntaactgcag gactcaggtc cacttgccca      120
gcagctgggca ggggaagggcc atgaggcagt agagtcccta caggccaaga aactgagcag      180
aaccatgcc tccagctcac cagctgcatt gaagcccca gctggcaggg agactgctgt      240
gaatggacag ggtgagctca tccccttgaa gaacattgag ggagaattgt caagtgctat      300
tcacatgacc aaggatgcc ccaaggaggc tctacatgcc accatggacc tcaccaagga      360
agctgtgtcc ctgactaagg atgccttcag tttgggcaga gatcgaatga cctccaccat      420
gcacaagatg ttgtccctgc cccagccaa agtctgggtc agaactctgt ccacaggatc      480
tctttcaaat gtctcagata atgctgggtg tcaagggagc cctcttggtg ataattatgg      540
ccaggggtca ccagcagcca acagttcaat ttcacccagg ccctggaccg ccaaacagct      600
actcanctgc ttaactggcc cacaagtaca gaccagagac aaagcaagag aagaagcaga      660
gactgtttgg cccgggcccg agaagaagct tgctggcnaa ggggacgttc caacgaagag      720
accactgtcc ttcgagcagg anttaca                                747

```

<210> 3753

<211> 683

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 3753

```

ggatgaacat ggcacatcat gattagaaaa ccaaaattca tttttgatgg ctggtgtggn      60
cagatcgtgt cctctaaaat ttatgtgctg gaaacttaat ttctagtgtt aacagtgccg      120

```

```

agaggtagg gctttgggaa agtttaatgg attaatgccc acatataagg gcttggttga 180
gggaatttgg gctctttggt gccccttcca tcttttctac catgtgagga cgccacactc 240
ctcccctttg gaagatgcag caaacaaggt gccatcttgg aagcaaagac taagctctta 300
ccacacatcg aacctgttgg tgccctgatc ttggactccc agcctacaga actgtgagga 360
agttaagttt ctggtattta taaaattacc aagtntcagg tattgtgtna tagcaccata 420
aatggactaa anacaatgcc aaaggtggca cttgccatan aactgctgcc gatgatata 480
actctttgct ttccagagtt aaagctttgg attctgatgg ggttgattct cttttgtgtn 540
ggacccttgt actggttntc attataatag ttcttttcta atntttaagc cgggccccna 600
tggctcatgc ctttaatccc agcactttgg ggaaggccaa ggccnggccc attcaccagg 660
tccaggagnt caagaccatn cnn 683

```

```

<210> 3754
<211> 752
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (752)
<223> n = A,T,C or G

```

```

<400> 3754
tcagctcttg ttctttntgc aggatcccat cgattcggtc gcacagtggg aagggcactg 60
ggctggaagc cctacccatg tcagggaatg tctgggcctc agatttttat tttctagaat 120
gaagatactt acccccctaat tgctgagata tttgaataaaa agtatatgtg aaggattttg 180
taattataga atgtcctaca aatatgagta gttcgtttgc tacttttttg gcgaagaaaa 240
atattgggat gcatgaataa tatctaccta aggtacctaa ggttgatttc atcccattta 300
ttgaatggca aggatatacc agctactgct ccagatgttg tattcaggga acagaagaag 360
agtcctctgt cccatggagc taacagcatt ctaggggagg aaagatgggt cagctgactt 420
tcacgatctc aggtactgat gaagattgtg aagattatta catcagggtg atgtaggggt 480
gatttagaga aagctggtag ctaggctgtt caaggaaggg cctctgtgag aaaggggatg 540
gttggtctgg tgtggtggtt cagcctata atccagcac tttgggaggt tgggagtttg 600
agaccacctg ccagcatgga gaaacccgt ctctactaaa aatncaaaat tagcccgga 660
tggtggcaca tgctgtaat ncangctacc tgggaggtcn angccgggag aattgcttga 720
accccgggag gcaaagggtg taattgagcc ct 752

```

```

<210> 3755
<211> 760
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (760)
<223> n = A,T,C or G

```

```

<400> 3755
naatancagc tcttggtctt tntgcaggat ccctctnttc gaattcggca cgagtatcac 60
agtttgtaaa cgggtgtttt tgctcttgtt attgaagtat acaactctgc ttagccaaac 120
ataccaagca acagacagaa gcgtcacttg gagagaagaa gaaaggggta actggcagag 180
ctactgtaaa agaaggatag aggagggtaa gtttgaaagt ggccatgggc aagaattttc 240
tccagatagc tcttgattat aatctctctc acctggatta tttcccatct cctgacagtt 300
tgttctcaca taactatcag cagtcctctc aacacagaat cagaccatgt ctctcctctg 360
ctccaacctt ctgaggctct ccatctccct ctggataaca cctgcatga cctggccctc 420
ctatcccact gctcctcac gcgtcattc caactctcct gttctccttg ctatttttca 480
tatgggccaa gcaagcacgt gcctcacaac ttgtgtctct ggctgtctgt tgcttgaaac 540

```

ttttttgcct	caggtagtct	catggtttat	gcccctctcct	ctttcaagac	ttggttcaag	600
tgtcaccatc	tctgtgaggc	cttctcagat	cacctagctc	tgacacatac	tagccttctt	660
tectactttc	tncactgnac	tcctcatctg	ctaattngct	actggttgca	tattgcattt	720
aatgnctgtc	ccgttggtca	tgctggtttg	ggggnggggg			760

<210> 3756
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 3756						
ttncnaanat	cagctcttgt	tctttntgcg	gatecccttn	tncganttcg	gcacgagggg	60
atgtcaggcc	tctgagccca	agccaagcca	tcgcaccccc	tgtgacttgc	atgtatacgc	120
tcagatgggc	ctgaagtaac	tgaagaatca	caaaagaagt	gaaaaggccc	tgccccgctt	180
aactgatgac	attccaccat	tgtgatttgt	tccctgcccc	ccttaactga	gtgattaacc	240
ctgtgaattt	ccttctcctg	gctcagaagc	tccccactg	agcaccttgt	gacccccgcc	300
ctgcccacca	gagaacaacc	ccctttgact	aattttccat	taccttccca	aatcctataa	360
gatggcccca	cccttatctc	ccttcgctga	ctctcttttc	ggactcagcc	cacctgcacc	420
caggtgaaat	aaatagcttt	attgctcaca	caaaaaaaaa	aaaaaaaaaa	aggataacaa	480
cctgcttggc	aagtttgaac	tcacaggcat	acctcctgca	ccccgaggtg	ttcctcagat	540
tgaagtcact	tttgacattg	atgccaatgg	tatcctcaat	gnctctgctg	tggacaagag	600
tacgggaaaa	gagaacaaga	ttctatcact	aatgacaagg	gccgttgaca	aggaagacat	660
tgaacgtatg	gccangaagc	tgagaagtcc	aaagctgaag	atgagaagcn	nanggacaag	720
ngtatncaag	aattacttgg	tctatgcttc	aaaaga			756

<210> 3757
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 3757						
tnnannatca	gctcttggtc	tttttgcgga	tccctctatt	cgctcagaac	cactctgtcg	60
tttttaagca	gggtcacaca	ctctagctca	ctgggtccat	tttaatttct	attaaacatt	120
tttttttttt	gcaaattgatg	tagtaggaga	tccaagggtg	ttggttaatg	atttattcac	180
tcattagtca	ttccacaaac	ttgtcttgag	cacctgttat	gtaccagca	ctgtgctgga	240
atgctgagga	gacaggagtg	aagtaaaaag	acatggttcc	ggcaggaaac	aggcaaggag	300
agccttgact	tgacggagtc	tggctatata	gccaggctgg	aatgcaatgg	cgcgatctct	360
cctcactgca	acctccgctt	cccgggttca	agcgattctc	ctgcctcagc	acctcgagta	420
gctgggacta	caggcgcgcg	ccaccacgcc	cagatgagaa	aactgaggca	cagagaggtg	480
aaataagtga	gatgctacct	acctatgcag	agctggaaaa	gattttgcaa	cctgaaaacc	540
caatcctttc	tgagatataa	aagaacagaa	gagtcctggaa	gtgatttctt	cggagaaatt	600
cattttctta	ttccagagaa	gaaacttcaa	gctcagaata	ttggctacta	cctgngataa	660
acatttaaat	tattgggaac	cagagagttt	ttatactaaa	ttgnaaagaa	caattttttt	720
atcaaagacc	aancccgaaa	ttcttgacct	tccctgggatt	tca		763

<210> 3758

<211> 806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(806)
 <223> n = A,T,C or G

<400> 3758

ttgaagccct gctctngttc ttttgcagga tcccttttnc gcttcggcac gaggtgtagg	60
ccencatcgt ccttcattac tccgggtttca tattttgctg nttttgatgg acatggaang	120
aatncnagcc tcaaaannng ctgaacannn ttggcatcaa aatttnntca gaaaatttcc	180
taaaggagat nnaatcaagg gccnnaanac cgcnaanaga tgctcttgn acactaanca	240
agcatctnnt gangagnnnc ttaaacangc ttccagncag aancctgcct ggaaagatgg	300
gtccactgcc acntntgttc tggntgtgga cncattntnt tatattgcca acctcnnnna	360
tagncgggca aacttgtgtc gttataatga gganagtcag aaacatgcag ccttaagcct	420
cagcaaagag cataatccaa ctcagtatga ngagcgnat gaggatacat taaggctgga	480
ngaaacgnta gggatgggag tgttgnccgg cngtgcata gggtnnactc tgcatagnng	540
acgtcagacc agnactttcg atttaccctn tgatnngccg acatnagant tctgccnngc	600
tgacacccaa ttgacangnt tnnnttncat tnncttgtta tatanggcnc ttaaanggat	660
ttctctcten ngatnatanc ctattnnccc tnatacntng gtntatncta nttnntntng	720
cntnanttnt cncctganct anctcntaaa cnttnggnaa ntctttttan ctctctngta	780
ngtcttattc tentantatt nccncc	806

<210> 3759
 <211> 802
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(802)
 <223> n = A,T,C or G

<400> 3759

ttcaaatecc nagcttctaa gttctnttgc aggateccat nnattcgaat tcggcacgag	60
gcttcgtgtg ctactgcgaa ggggaggaaa gcgggtgagg ggaccgcggc ggcttcaacc	120
tctacgtgac cgacgcgcg gagctttgga gcacctgctt cagcccgagc agcctgncgg	180
ncctcgtggg taactgggag ggtctgggag ccgtcacacc cctccttgca ntgcagatcg	240
tctatggggc gacagacatc tgggattccc cagaaggctc tgacaccctc tgcccgcctc	300
gtagctgnag tctcccatc ggctagggct cttggggctg ggcagggttn ggggtgcccc	360
agtgggcctc ggggttncagg cagctcgtga caagccctg ngctctctag aaagcccggt	420
ntggcctgag tgcngntgag gacatnacc cccgggttcag gtgagaccca acagggagga	480
aggacngatg ggnagganga ngggtctgcc acagctctcc cgtacctttt ctatnccagg	540
gcagcctgtg agcagcaagc ctgtggtctc gacttctgca cgaangacan aagcnattcc	600
ttgacgcttt tcaagggggg ccctaancac ttggcctttg gacctcttca angntaccag	660
gccccaatag gcnagccccc aangctgang ggccgcttta cactggggcc tnggcaaaaa	720
cncgtnttgg aaccttgtaa cnggnnaact ggnaagcttc acnaanaaga caatttntta	780
nnnccnnggg aaaaagcccc cc	802

<210> 3760
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3760

gnnnttttnan	ntancagttt	gaaacccttg	gcggaacctc	gattcgaatt	cggaacgagg	60
tgttttcttct	acctcccttg	cacaacattg	tttatatgct	tnctaaaatg	taactttcttt	120
agattctgtt	gttacgtgca	acactgtata	tctctccata	gcacttaatc	agagtttgta	180
attaggtcatc	tttttggtg	attatttgg	aaatgtccat	atccctact	agcctataag	240
ctccatgact	tctaggtacc	ctgtctgact	acgtgtatca	ctgtttctac	cgccatacat	300
tgcttagcac	attcattgct	tcacaggcat	ctgaatatgg	ttttataaaa	tacattgctc	360
tagtgcacag	gattttaagc	taaggatttc	atgaatggga	tttggggtag	gggcatctat	420
gaaattcctg	aaattgtgta	gaattttgag	aatatgtgtt	ttcctgggga	tagagtatgt	480
agttttctcag	caactcatta	cagtctgtca	catcatgccc	taattctact	tgccgtgtagc	540
taaacaccta	ataacattag	aactgaaatg	atagtgatat	gcaagatagc	acgtgtgggt	600
tccacatatt	ctaagaggca	tcttcaatta	gattccaaaa	aaaaaaaaann	nnnnnaannnn	660
naaaaaaact	cgagcctnta	aaactatagn	gagtcgatt	cgtagatccn	gacatgataa	720
gaancattga	tgaagtttgg	acaaaccnca	acttggaatg	ccttggaaaa	aa	772

<210> 3761
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 3761

tttaaganca	gctcttggtc	tttttgcgga	tccatcgatt	cgaattcggc	acgagcctcc	60
accaaccccc	cagtcgtctg	ggatggacaa	ccatttgagg	gagctgagcc	tgccgggtgcc	120
tacatcagac	aggaccacat	ctaggacctc	ctcctcctcc	tcctccgact	cctccaccaa	180
cctgcacagc	ccaaatccaa	gtgatgatgg	agcagatacg	cccttggcac	agtcggatga	240
agaggaggaa	aggggtgatg	gaggggcaga	gcctggagcc	tgacagctagc	agtgggcccc	300
tgccctacaga	ctgaccacgc	tggtctattct	ccacatgaga	ccacaggccc	agccagagcc	360
tgctggggaga	agaccagact	ctttacttgc	agtaggcacc	agaggtggga	aggatggtgg	420
gatttgtgtac	ctttcttaaga	attaaccctc	tcctgcttta	ctgctaattt	tttctgtctg	480
caaccctccc	accagttttt	ggcttactcc	tgagatatga	tttgcaaatg	aggagagaga	540
agatgagggt	ggacaagatg	ccactgcttt	tcttagcact	cttccctccc	taaaccatcc	600
cgtagtcttc	taatacagtc	tctcagacaa	agtgtctcta	gatggatgtg	aactncttaa	660
ctcatcaagt	aaggnggtac	ttcaagccat	gctggcctnc	ttacatcctt	tttnggaaca	720
gagcacngna	taaataatta	acttaataat	aatatgcccc	aaaaaaaaaa	a	771

<210> 3762
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3762

```

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ctgtggcaag gccttcagcc agaagtcttg ccttgtagca catcagagat atcatacagg      120
aaagactccc tttgtatgtc ctgaatgtgg gcaaccctgt tcacagaagt caggactcat      180
tagacatcag aaaattcact caggagagaa accctataaa tgcagtgact gtgggaaagc      240
cttccttaca aagacaatgc tcattgtaca tcacagaact cacacgggag agagacccta      300
tggctgtgat gagtgtgaga aagcttactt ctatatgtct tgccttggtt aacataagag      360
aatacactca agggagaaac ggggggattc agtgaagggt gaaaatcctt ccacagcaag      420
tcacagctta agtcctagtg aacatgtgca ggggaaaagc cctgttaata tggtaactgt      480
ggcaatggtg gcagggcagt gtgagtttgc ccacatcctg cattcatgat aaacagtttg      540
ctgtttgatc atatagcctc caacggaatg ctgagtttgt catgtcccat gggccctttg      600
gctccctgca ctaatatgta tagtangggg ttacaagata tgaaaatata ttttactttt      660
tttatatctt ataaacctca ctacccttcc cacaatattg gttttcattt actatcttga      720
catagagttt ggcttgggga agggggcagt tttaaangct tccc                      764

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<210> 3763

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (764)

<223> n = A,T,C or G

<400> 3763

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ctgtggcaag gccttcagcc agaagtcttg ccttgtagca catcagagat atcatacagg      120
aaagactccc tttgtatgtc ctgaatgtgg gcaaccctgt tcacagaagt caggactcat      180
tagacatcag aaaattcact caggagagaa accctataaa tgcagtgact gtgggaaagc      240
cttccttaca aagacaatgc tcattgtaca tcacagaact cacacgggag agagacccta      300
tggctgtgat gagtgtgaga aagcttactt ctatatgtct tgccttggtt aacataagag      360
aatacactca agggagaaac ggggggattc agtgaagggt gaaaatcctt ccacagcaag      420
tcacagctta agtcctagtg aacatgtgca ggggaaaagc cctgttaata tggtaactgt      480
ggcaatggtg gcagggcagt gtgagtttgc ccacatcctg cattcatgat aaacagtttg      540
ctgtttgatc atatagcctc caacggaatg ctgagtttgt catgtcccat gggccctttg      600
gctccctgca ctaatatgta tagtangggg ttacaagata tgaaaatata ttttactttt      660
tttatatctt ataaacctca ctacccttcc cacaatattg gttttcattt actatcttga      720
catagagttt ggcttgggga agggggcagt tttaaangct tccc                      764

```

<210> 3764

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (802)

<223> n = A,T,C or G

<400> 3764

```

ttctaattgct tggntctcga tctttgggtc ggatccctcg attcgctgag aaaatcatag      60
agatcctgga gagcgggcat ttgcggaagc tggaccatat cagtgagagc gtgcctgtct      120
tggagctctt ctccaacatc tggggagctg ggaccaagac tgcccagatg tggtagcaac      180
agggcttccg aagtctggaa gacatccgca gccaggcctc cctgacaacc cagcaggcca      240
tcggcctgaa gcattacagt gacttcctgg aacgtatgcc caggaggagg gctacagaga      300
ttgagcagac agtccagaaa gcagcccagg cctttaactc cgggctgctg tgtgtggcat      360

```

gtgggttcata	ccgacggggga	aaggcgacct	gtgggtgatgt	cgacgtgctc	atcactcacc	420
cagatggctg	gtcccaccgg	ggtatcttca	gccgcctcct	tgacagtctt	cggcaggaag	480
gggttctcac	aagatgactt	tggtagaccc	anaggagaat	ggtcagcaac	agaagtcttg	540
gggggtgtgcc	cggtctccaa	ggccatggcg	gcggaaccgg	gcgcctggac	atcatcgtgg	600
tgccctataa	gcgagttttc	ctgtgccctg	ctctaactta	cccggctttt	gacacttcaa	660
cegttccat	gcnaaccctt	tgccccaaaa	ccaaagggcc	ttgaagtttt	ntcatgaaca	720
ntgcccttca	accacttgnt	gtgggtcccg	ggaacaaccc	atgggatnna	aaggngngng	780
ccttgnccca	aattgcttnn	cc				802

<210> 3765

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3765

atacagctct	tggtcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	ggcatatgct	60
tgtctcaaag	attaagccat	gcatgtctaa	gtacgcaggg	cctgagtctn	tgccctcgtg	120
ggcgttgagt	gacactgatt	ctcgcggtgc	tcgggcctct	ccggcagggg	gtcctancgc	180
agactttgcg	gntcatggag	agtctctggg	agacaggcac	ctgcggacgc	tgagataaag	240
ttacgacgca	ctgaaagatg	aaaattctaa	gctgagaaga	aagctgaatg	aggttcagag	300
cttctctgaa	gtcacaacag	aaatgggtgag	gacgcttgag	cggaagttat	aagcaaaaat	360
gatcaaggag	gaaagcgact	accacgacct	ggagtcgggtg	gttcagcagg	tgagagcagaa	420
cctggagctg	atgaccaaac	gggctgtaaa	ggcagaaaaa	cacgtcgtga	aactaaaaca	480
ggaaatcagt	ttgctccagg	cgcagggtctg	caacttncag	cgagagaatg	aagccctgcg	540
gtgcggacag	ggcgccagcc	tgacccggtg	tgaacagaac	nccgacgtgg	ccctgcagaa	600
cctccgggtg	gtcatgaaca	gtgcacagct	ttcatcaagc	actggtttcc	ggagctgaga	660
cctgaatctt	gttgccaaat	ccttaaatct	attgacngaa	tttctgaagt	taaagaccan	720
gaggaagact	nttgaggccc	tggg				744

<210> 3766

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 3766

atcagtttct	tgctttntn	caggatccct	cgattcgaat	tcggcacgag	gtttccctgg	60
cttaccgtga	tgacgcattt	gctgagtggg	ctgaaatggc	ccatgaaaga	gtaccacgga	120
aactcaaatg	caccttcaca	tctcccaaga	ctccagagca	tgagggccgt	tactatgaat	180
gtgatgtcct	tcctttcatg	gaaattgggt	ctgtggccca	taagttttac	cttttaaaca	240
tccggctgcc	tgtgaatgag	aagaagaaaa	tcaatgtggg	aattggggag	ataaaggata	300
tccggttggg	ggggatccac	caaaatggag	gcttcaccaa	gggtgtgggtt	gccatgaaga	360
ccttccctac	gccagcctc	ttcatcatta	tgggtgtggt	ttggaggagg	atcaccatga	420
tgtcccgacc	cccagtgcct	ctggaaaaag	tcacttttgc	ccttgggatt	tcctgacct	480
ttatcaatat	cccagtggaa	tggttttcca	tcgggtttga	ctggacctgg	atgctgctgn	540
ttgggtgacat	ncgacagggc	atcttctatg	ccatgcttct	ggccttctgg	atcatcttct	600
gtggcgagca	catgatggat	cagcacgaac	cggnaccaca	tngcanggta	ttggaagcca	660

```

agtcggccca ntgccgtngn tcttctgnet ttcataatttg acatgtgtta aaaaangggg 720
ccaacttacg aatncctttt acagtt 746

```

```

<210> 3767
<211> 749
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(749)
<223> n = A,T,C or G

```

```

<400> 3767
tnagatacag ctcttggttct ttttgcagga tccctcgatt cgaattcggc acgagggtttt 60
atttataaaa caaaaatttta ttttgcaca ggaggagaat tagcaggatg taaaataaaa 120
atgaaagacc ccaatgggga gaataatttta aatgtcttgc agggagtggg agaaagcttt 180
gcttaaaaaat gtcaccatat gctaactata tacagcactt caagtttatt tattgttaaa 240
gcctcatgta aatcacgtca ttctgaaaat catggaaact gcacatttgt gcattaaact 300
atgtaaacia caaaaactgg tcatccgtcc aattgttgc tcaattattt tgaattatag 360
tgcaattttg tggagggtga aatggggatt acacaatata gcgatttcct gttaaacacct 420
acatttttgc tgatcaagca aggtctgttg gtgcgagagc ttaaccttta ttttatttcc 480
aaatgtgttt tttattccga gtcccgttg tgtctatggt ttcacttttc tccatgagcc 540
acatgttaaa gcctgccctg actaaatgaa ggagtgttaag cagtgggata gacattgcag 600
gcaggcgaaa ctgggataag ccccaagaatc ttttgaacct atcagtaata ttactaacag 660
gggagaaagt ataaaagtga gcccttcaag tgctctagtg tacatgtcag aattnaagca 720
cgagttnacg gggatggctc acccccttc 749

```

```

<210> 3768
<211> 759
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(759)
<223> n = A,T,C or G

```

```

<400> 3768
caaatncnng ctctcggttct ttntgcagga tccctcgatt cgaattcggc acgagggctg 60
cagtgaactg tgatcgtgcc actgcactcc atcctgggtg gcagagtga gacctgtctc 120
aaaataaata atccagtccc ccccaagaaa gggaatgaag tgctataatg agaaaaatcc 180
tagtacetaa catatagtag acagtggaga gtggttctct ttcgttnctc aggggcagac 240
agattgggtg ctggagtcct ctatcaaaga gtcagagctc tatcccagat gtgtaatgaa 300
cgtggtcaca gacatattgt ccattaccat ttaccttccc tataaccact gtgcctccag 360
ccttgtagaa tagacacata ggagcgcagc aatacgtcta aaaataggag tgagagaggg 420
cagggcatgc ccgttcttgn ggtagaagaa aagaatgtca aagaaagcag ctgggactaa 480
tgaactttac attagccata ttccattatt tcagcttaag tcaaagtgcg gtcctcatga 540
ggcaactggc tttagacagga gctacgctaa ttaccactta ccaaccttta atttctgggt 600
aaaagcaaaa gacaaaaact aatggatttn tcatttttnc cagnacaag aattaaataa 660
tagtangtct gtcnaaaaaa aacaaaattn aaactcgagc ctntagaact ttngngagtc 720
gtattacntt agatncagac ntgatacgat accatggan 759

```

```

<210> 3769
<211> 754
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3769

ttgcnaatgc	taggetactc	gntctttttg	caggatccca	togattcgaa	ttcgggcacga	60
ggagccacca	tgccctggccc	atcgtntcat	ttgataccttg	caacacccta	tgagaatatc	120
cngatcgaac	gatntcacag	atnatccata	gtgatactca	gctaacggnt	ggctctgccaa	180
gacttgaacc	caccattctt	gttactnnct	tgatnncttt	anaactgggt	atnnnnngcc	240
agtntggnat	ggngcnnaaa	atangatgtg	ngnttttttg	angtannann	tgctacagge	300
ntnnactnta	tnatctnagc	natagcnagt	ncaagtnnga	ctgattnagn	atacacnnng	360
nngtgttant	ngctaaaata	ttgaaanaac	tttnattctg	gntggagcnc	gtnnngtntc	420
ccaaatatga	acaaccaana	tctgaaatgc	tncaaagctg	gaaactttta	gagtgtntnt	480
gantgcngc	caacatgaca	tgcaaganaa	acattnattt	ggagcatttn	ggattgtgna	540
tatttnagatt	ngggatgctc	antagnatt	aatgcanata	ttncaaaanc	cncgccttcn	600
gacccagcng	aaanaaaaac	caaaaancca	naatacttgn	gntcnccaag	cattcatgaa	660
aaaaatgatn	cttaacctng	naaatagctt	tgncccaacc	cncnnaagtt	tctttntcta	720
cttccttgge	cantttnaac	attaggaacc	ccct			754

<210> 3770

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3770

tcagctcttg	ttctttntgc	aggatcccat	cgattcggct	gcacagtggg	aagggcactg	60
ggctggaagc	cctacccatg	tcagggaatg	tctgggcctc	agatttttat	tttctagaat	120
gaagatactt	accccccaat	tgctgagata	tttgaataaa	agtatatgtg	aaggattttg	180
taattataga	atgtcctaca	aatatgagta	gttcgttttg	tacttttttg	gcgaagaaaa	240
atattgggat	gcatgaataa	tatctacct	aggtagctaa	ggttgatttc	atcccattta	300
ttgaatgcca	aggatatacc	agctactgct	ccagatgttg	tattcaggga	acagaagaag	360
agtcctgtg	cccatggagc	taacagcatt	ctaggggagg	aaagatgggt	cagctgactt	420
tcacgatctc	aggtagctg	gaagattgtg	aagattatta	catcagggtg	atgtaggggt	480
gatttagaga	aagctggtag	ctaggctgtt	caaggaaggg	cctctgtgag	aaaggggatg	540
gttggctggg	tgtggtggtt	cacgcctata	atcccagcac	tttgggaggt	tgggagtttg	600
agaccacctg	ccagcatgga	gaaacccgt	ctctactaaa	aatncaaaat	tagcccgga	660
tggtggcaca	tgctgtaat	ncangctacc	tgggaggctn	angccgggag	aattgcttga	720
accccgggag	gcaaagggtg	taattgagcc	ct			752

<210> 3771

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

```
<210> 3772
<211> 761
<212> DNA
<213> Homo sapiens
```

```
<220>  
<221> misc_feature  
<222> (1)...(761)  
<223> n = A,T,C or G
```

```
<210> 3773
<211> 834
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1) ... (834)
<223> n = A, T, C or G
```

<400> 3773						
ggnnnnntttt	nnatttngnc	nnannnanaa	ctctnnagna	anccctttgt	ncaggcatcc	60
catcgattcg	aattcggcac	gagcagcctg	cggccaggct	ttttatttaa	tntnaatagt	120
ttttgtttgc	ctccgtgggt	tggtcacccg	gtgcacgcga	cctgtgctga	aatgtggcag	180
tcgctgtgtt	gggagagccg	gccacgcccc	tggtctttaga	ctagtgttga	aatccatttt	240
ggtggttgtt	ttttaaccca	aactcagtcg	attttttaaa	atagttaaga	atccaagtcg	300

```

agaacacttg aacacacaga agggagaccc cgcctagcat agatttgcag ttacggcctg      360
gatgccagtc gccagccag ctgttccccct cgggaacatg aggtggtggt ggcgcagcag      420
actgcgatca attctgcatg gtcacagtag agatccccgc aactcgcttg tccctggggtc      480
accctgcatt ccatagccat gtgcttgctc ctgtgctccc acggttccca ggggccaggc      540
tgggagccca cagccacccc actatgcgc aggcgccta cccaccttca ggcagcctat      600
gggacgcagg gcccacatctg tccctcggtc gcccggtgtg ccagantggg gtcccgncgt      660
ccccaacact cgncttcgg ntccagaaca cttttgggca nggaangtct tgggggcccct      720
taaccaagca nggaaccncc gtgccaaagc ccngggcaag gccgggtccc aaccttagga      780
acccaacaa gccccttttn gggaagcca accccnaaa cctttttggg gggg      834

```

```

<210> 3774
<211> 787
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (787)
<223> n = A,T,C or G

```

```

<400> 3774
gnnnttttaa ataccagct ttcaaatect tgttcncgnc ttncgcagga tccctcgatt      60
cgaattccgt tgctgtcggg gatgagattc tgatggaaga gattaaggat tacaaggcac      120
gcttgacctg tccgtgctgt aacatgcgta aaaaggatgc tgttcttact aagtgttttc      180
atgtcttctg ctttgagtgt gtgaagacac gctatgacac ccgccagcgc aaatgtccca      240
agtgtaatgc tgcttttggt gccaatgatt ttcctcgcat ctacattggg tgatctaagt      300
caaganaaga agaggagctg gctagtcang aacttattca ttaaccacca aacctctacc      360
tnttctctcc ttgactgtca cctgtaggac agtttatcag tcaactacct ttcctccaga      420
ctttacttcc aggcctcnet cttcagtanc tggatgactt tagcagaaag gactggtaaa      480
tacaagcctt gggtttcaga atgaattaga aacaaataac tcttactgtc ttcctccca      540
gctttgttta ttttgtgctt ttagactttt cagtgnntnc ttttttcagn ccactgtata      600
aacttggtat gtccattcct cctgaagaaa tcaagtggg tatttttgat gtggaaaagg      660
gaacaanaag tggaaacatg gctacttttt ggggagtggg tnttttaaaa aaatnagggt      720
ggctatgggc accaaanttt tctacatttg ngtnncaaac ttcttgatga atgtgggatt      780
ncaaaant
878

```

```

<210> 3775
<211> 743
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (743)
<223> n = A,T,C or G

```

```

<400> 3775
ttnnnnnnnn cagctacttg ttcttttttg aggatcccat cgattcgaat tcggcacgag      60
gctgggtgtg gtggcttatg cctgtaatcc aaacactttg ggaggccaag aaggaggat      120
cacttgagcc caagaatttg agaccagcct gggtaactta gtgagaccct gtttctaaaa      180
ataaatagac agatgataga tagtcagata gagagagaga gagagatgat atagatatag      240
atagatagat agaatgttct ctaccccaag ggtggagaaa gacttgagca aagacacaga      300
ggccacatgg attaaaagga ggaggagaag ccctgtgttt gcagggatga atggcctatg      360
ctctggggag gtgggctgtg ccctcagcag catccacatc taatgcagga caacaccatc      420
gacttcctgg agtacgtggc agctctgaat ctctgtctga ggggcaccct ggagcacaag      480
ctgaagtgga cattcaagat ctatgataag gatggcaatg gctgcacga cccgcctgga      540

```



```

gctctcaaca ttgtggaggg aatttaccag ctgaagaaag cctgccgcga gagctacaaa      600
ctgagcaagg ccagctgctc acacccgagg aggtcctgga caggatcttn ctcttggtgg      660
atgagaatgg agatggccac tgctnttgac naattggtga agngccctc gggccaagtg      720
ggtgatgaaa atcttccnat ggc                                          743

```

```

<210> 3776
<211> 730
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(730)
<223> n = A,T,C or G

```

```

<400> 3776
atcagctctt gttctttttg caggatccca tegattcggg agggcaggag agtgaccaag      60
cagctagaag agaggggtgca gcaccccaag gnnaggactg ggggagtggg tgttccagga      120
agggtctctg catgtaaagc tgcacagaag tcaaatacaga taaagcctga gagggatcca      180
tggtgatttct tggcaaaggg attgttgggtg ataccaggaa gagcagcttc agtgggtcat      240
ggggagagaa gccagattac aggagatcag caactgagag agtgagtggg gagcatcttt      300
taagaatgtc ttgagtgcgg gccggctgcg gtggctcacg cctgtaatct cagcactttg      360
ggaggccgag gcgggcggaat cacgaggtca ggagttcgag accagcctgg ccaacatggt      420
gaaacccgct tctactaaaa ttacaacaat tagctgggca cggcgcantg gtgcgtgcct      480
gtaatcccag ctctcgggag gctgangcag gagaatcact tagaccaggg agtcggaagt      540
tgcagtgagc tganattgcg ccaactgcact tcanactggt gacagaacta gactctgtca      600
aaaaaaaaaa aaaaaaaaaa tcgagcctnt agaactatat gagtcnntatt cctagatccn      660
gacatgataa gatncattga tagtttggac aaccacactt gaatgcntga aaaaatcttt      720
atttggaaat                                          730

```

```

<210> 3777
<211> 769
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(769)
<223> n = A,T,C or G

```

```

<400> 3777
ggnnnnnnnn nttttnnnn atggaaactt ttgctattgc nctttttgca ggatcccatc      60
gattcgaatt cggcacgagg ccaccaccac caccagcccc acaaaattna cctcaaggcn      120
tacgaacagg tgatgcacta ccccggtctac ggttcccccga tgcttggcag cttggccatg      180
ggccccgtca cgaacaaaac gggcctggac gcctcgcccc tggccgcaga tacctcctac      240
taccaggggg tgtactcccc gccattatg aactcctctt aagaagacga cggcttcagg      300
cccggtctac tctggcaccg cggatcgagg acaagtgaga gagcaagtgg gggtcgagac      360
tttggggaga cgggtgttgca gagacgcaag ggagaagaaa tccataacac cccaccccca      420
acacccccaa gacagcagtc ttcttcaccc gctgcagccg ttccgtccca aacagagggc      480
cacacagata cccacgttc tatataagga ggaaaacggg aaagaatata aagttaaaaa      540
aaagcctccg gtttccacta ctgtgtagac tcctgcttct tcaagcacct gcagattctg      600
attttttttg tgggtggtgg ggtctccatt gctgntgntg caaggaaagt cttacttaaa      660
aaaaaaaaaa ttttgtgagt gactcgngnt aaaaccatgt agntttaaca gaaccngang      720
gttgctctat gttaaaaagc ctntagaact atgngagtcg nattacgta                      769

```

```

<210> 3778

```

<211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3778
 naanannnagc tcttgttctt tttgcaggat cccategatt cgcccaccto ggcttcccaa 60
 agtactggga ttacagacgt gagccaccgc acctggccta aatttcacca tcgtttctat 120
 tcataactta cctgcaaagt gattatctga ctagtactac tgcaacaaag ataataaagt 180
 gcctgatgtt tatatcaaag aggatatggc atgtttctga gtgtttctaa agaaaaatac 240
 tgaatgaacc cctgcgctaa cctagtgcct gtggtaacaa taactgacat gcattgagcg 300
 cttactgtgt gccagggtgt tgttcgaggt actttaccgg tattaactct ttaattcgca 360
 taacccttct gtgagatggg taacattata cccattttac agatgaggaa tctgaggcct 420
 ggagatatca aatcatgtgc ccaaggccac aaagccaaca tgtggtagaa ctgagactcg 480
 aatctaggca gtttgttcca atttttgtgc tttgaacctg tgcacaatat gactattgct 540
 attttgtgat attatttgag atttctcttt taattattct tgatatcttt ggggcagaaa 600
 aacaatgaat aataatgtta tgaatattaa agccctcaa aaaaaaaaaa nnnnnnnnnn 660
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnaaaaaa aaaacctggc ctttaaaatt 720
 ttggggggggn ntttcnnaa anc 743

<210> 3779
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3779
 ttntatatca gctcttgttc tttttgcagg atccctcgat tcgaattcgg cagcaggata 60
 taatggccan gaggaatcan aaacctgacg ttagaaaggc tcaacgagaa cangctatca 120
 gggctgctaa ngaagcaaaa aaggctaagc aagcatctaa aaagactgca atggctgctg 180
 ctaaggcacc tacaaaggca gcacctannc aaaagattgt gaagcctgtg aaagtctcag 240
 nctacagggtg gacaatgagg aggaggaaaag ccnnggacag gttgaagggc ggcttgnccc 300
 atccactgtg gtcctggacc acacangcgg ctttgagggg cttctcctgn tggntgatga 360
 cctgctgggg gtgattggac acagcaactt tggcaccatc cgntctacca catgcgtgtt 420
 caaagggaaa tggctctnnc aggtcctcat ctctnccang ggctcatgca natcggctgg 480
 tgcaccatca nctgccgntt taaccangan gaggggggtg gagatacaca caactcctat 540
 gcctatgatg gcaaccgntt gcncaagtgg aatgtgacca cancgaatta tgcccccca 600
 tctntgctgg gttncanncc tgtggtcaca agtnctgcng ngcctgtatn aaccagcacc 660
 tgttgaacan canggacttg nttctctctt aaaaaccaccn ttntgtctgt anangacttg 720
 gtanaaggga gccaatcna gttctacn 748

<210> 3780
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3780

```

gnnnnntttnn nnnnnnnnnnn ttttnaatnt cagctacttg ttctttttgc aggatcccat      60
cgattcgaat tcggcacgag ggattttctcc tecttccgcg ctttctgcgt gacactggct      120
gtcagctctg ggctgggctt tctggggggcc acacagctgc tgaggcggcg gggtgaggcg      180
gcccgaaagg acccaggggtg ctcagcctgg ttgtggatag cggcctgtgt ggagaggagc      240
tgcttgtagg cagtgaggag gcggacagca tcaccttggg ccggtatctc cggcagctgg      300
cacgccatcg gaacttcctg tggttcgtga gcatggacct ggtgcagggt cagtggctca      360
cgctgtaat cccagcactt cgggacgcca aggtggaaag accgcttgag cccaggagtt      420
cgaggctgca atgagttatg attgcaccac tgcactccag cctgggcggc agagaaaggc      480
tccatctcta aaaaaagaag agctaagtgc tgtacctaaa acatgcagta tataaactgg      540
ctgaacttag aaataaactg ttttcatgtt atgaaaaaaa aaannnnnnn nnnnnnnnnn      600
nnnaaaaaaa aaaactcgag cctntanaac tatagnagat cntnttacgt anaccagac      660
ntgataagat ncattgatga gtttggggac aaacccaact ngaatgcntg aaaaaaatgc      720
tttatttgng aaaatttggg atctatgctt tatttgtacc attataagct n              771

```

<210> 3781

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3781

```

cnnntttcaa atcgcttggt actngttctt tttgcaggat cccatcgatt cgaattcggc      60
acgagggtgag gggctgtctg gcccttctga ttttttgta acgagacatg gattgtggca      120
tcaagattta gattcattcc tctgtttggt ggagtcattg aagccagtat atcctggaca      180
ttttttaaag aggtcccat tctgagaaaa gacaggagtt gaatgtctta ttgattctta      240
cctttctggt cgttatagac gaccagagga aacaaatgcc cgacacggat tcgactcagt      300
cataagtgtg aaccaaatag gccgatctgg gttctctcac tgactgaaga ggaagagaaa      360
taagagagga cagtgggcaa aatgtagggg gacaaccaag ggttctgggt tgcccagaat      420
tgccctgggt tcaaccctga agttcccatg ttgtggacag ccccgaggc ctagacaaac      480
aggtcacctt agcggtaaaa gcctttctca ggagtggag ctccagggga gacaaaacgg      540
gtttgggttt ggaacctgga ggaagaaggc aaaatgagaa gagtncactg gcagtgaagt      600
ccggaaaagg cccgccttgc aacaancgtg gcatcttccg gacctcttc cttgctcttt      660
ctcccggttag ccctgccctt aatgtngggg cccagtgcaa aanccctntt gggggccngg      720
gcccgttgcc ctgcttaatt caattgcaan cttggaccag gaaaagccca gcccagctt      779

```

<210> 3782

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3782

```

tacaggctac ttgttctttt tgcaggatcc catcgattcg aattcggcac gagcaggctc      60
atctccaact gacctcatga tccactggct tcggcctccc aaagtgcctg agtgcagtgg      120

```

```

tgtgatcatg gctcactgca gccttgacct cctgggctaa agcaatttgc cttcctcggc 180
ctctcaaagt gctgggatta caggtgtgag ccactgcacg tggcctcttt ttagtttatt 240
ttttccaaaa ttattttgaa aagtttcaag gtggaatgta gtgacacccat cacggctcac 300
cgaagacttg acctcctggg ctcaggtgat cctcccacct cagcctctca agtagctggg 360
actacaggtg cacaccacca caccagcta gtttttatgg tttttttaga gacagggttt 420
cgccacgttg cccaggcagg tagaactccc gtactcaagt gatccgtccg cctcagcctc 480
ccaaggtgtt gggattacag gtgtgagcca ctgcacccgg ccattttctt cttagattta 540
acagttaaca ttttgctaca tttgttttat gtccccatat atctgggttt cccttaagct 600
atatgaggct acattgnggg tacactttac ccaatattct ggtatcaacc acagtgccat 660
aatcataata aaaaaattta acattggtgc agtaaaaaaa aaaaaaaaaa actcgaggnc 720
tttagaacta tnntgagtcg nttta 744

```

<210> 3783

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3783

```

anacagctct tgttcttttt gcaggatccc atcgattcgc aacagaataa gactccatct 60
caagaaaaaa aaaagggttaa agttcctgac ttaatgagga aataaaaaaa ttatatgctg 120
aagttgctaa gatctagctt gtgtttgtga aattgtgaag aaagaaaaag aaattcatag 180
tagttttatg gtcacacttc tgcaaaaatt gcagccacag tgcatgataa gtgcatagtt 240
aagatggaaa aggcattttt tgagtgggaag acatgaagag aaatagcttc caatgacagc 300
attcaagtcc ggtactatac atggtttcag gaatctacta gaggtcttgg aacatatecc 360
tgtggataag aagggaactac tgtattgcc aaccagggaag cttcagtgct tccagagaat 420
ttattagggc atcattacat aggcacgatt gatttgttgg gctgcccaca tggttgaact 480
cagtcctcaa gtcaactgat accaagttgt ccaaagttcc ccaccctaaa ccacatgggt 540
ggcttttctg gcatggcccg gctttcaccc taagactact ggggtgttgca gctgcaacct 600
aaaatctagt aacaaagaca tgcttatcag gtctgacata gattaccttc caaaagggaa 660
agatcagaca tctctttggg taangtcaac ttttttttac tacattgaga caaattctat 720
ttcaaggaca gagttaagga gggaatgaat ttt 753

```

<210> 3784

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3784

```

tacagctact tgttcttttt gcaggatccc tcgattcgaa ttcggcacga gaccacacct 60
ggctcattta tttttatttt gtctagagac agtgtctcac tatgttacct gggctgggtc 120
tgaactcctg gcccctaata atctgtctat ctcaatcacc caaagtgttg ggattacaga 180
tatgagccac tgtgcctggc ctattttctga ctttttttct ttttgtatat aagaatatat 240
atttcgagac aaattgtgga ttataaatgg atgcttattt atctcgactg cctttcagac 300
ctttttcccc cagccaacca gtttttttct tctcaaagaa gacacagggt aaactgaaac 360
tcattctatt cttctgattg agattgtgtg ggtctactcc actcagcttt tgcagtacat 420
ggaaagttga gataaacgcc taaagaaact agtttcagtc atagatttag taaaaatggt 480

```

```

attgcaaatc tcttctttga actcaangtg cttttctcag tttctttaaac caccacccag      540
agagatcttt catgtcctct ttgccctgga gatgtacatt gggaacaaaa accttaagtc      600
agttcttcac ttttttactg ctttggtctt tagtaattat ctgntcttct attaaacaag      660
gagaagacag attaaatttc taacagtnag ggcacaaaaac caatccattt acagaattag      720
tcttacttta ccacatagga                                     740

```

```

<210> 3785
<211> 753
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (753)
<223> n = A,T,C or G

```

```

<400> 3785
tcnnntgaan acctttacaa ctaentgttc tttttgcagg atcccatoga ttcgaaattcg      60
gcacgaggaa aagaaaaaaa aagaaattta aaattctgtt ttagtgaggat catttgaact      120
taagtctaag ttataacaa cactggcttc cacagcacag gaggtgagca tgtgttaata      180
ttaagattg gcataactcc ctttaggtgc aagtgttcag gccaaaatgt tcttgagcat      240
tttgattcct cctcctgctg cccatctata ccaagcccag aaactgtctg gaatatatatt      300
tagtttcttg aatgacacca agaagtagaa cagtcttttc aaaaatgtat tttaaaaata      360
agctgaatct caagaatctg atctatagta taatgaaaac tgaaaagtga agtagtcatt      420
gggatactct actgtctcac ttaattctca cggcttcctt gcaagggtggg taaaattggt      480
cctacagata gtcaaattga gttttacagt tagaaaatga ttgggctagg atttgagccc      540
aatgtctgtc agattcctga gtttctgcta cttctactaa aatatgctgc ttcttgtgtg      600
tcngtcttct tgtttgggga caagcagatg atatccctaa caaaatcaat ttctttatta      660
ttattctctt ttaccttttg gttcccagca gtacaagtcc cagttttgaa gctcaaaaga      720
ctggtatgag catagctcat cgacgacatg gtg                                     753

```

```

<210> 3786
<211> 791
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (791)
<223> n = A,T,C or G

```

```

<400> 3786
tcnntnngaa nncccttaca agctacttgt tctttttgca ggatcccatc gattcgaatt      60
cggcacgagg ccaaatcctt cagtggatgt gaaaggaata ggagatgaat tatataatcc      120
agaaacacat aaacgacata ctttgttttg tgggacaact gttattcaga ctcgtttcta      180
cactggagaa ctctgcaaag ccatagttgt tagaacagga tttagtactt ccaaaggaca      240
gcttgttcgt tccatattgt atcccaaacc aactgatttt aaactctaca gagatgccta      300
cttgtttcta ctatgtcttg tggcagttgc tggcattggg tttatctaca ctattattaa      360
tagcatttta aatgaggtac aagttggggg cataattatc gagtctcttg atattatcac      420
aattactgtg cccctgcac ttctgctgc aatgactgct ggtatttgt atgctcagag      480
aagactgaaa aaaatcggtt ttttctgtat cagtccctca agaataaata tttgtggaca      540
gctcaatctt gtttgctttg acaagactgg aactctaaact gaagatgggt tagatctttg      600
ggggattcaa cgagtgggaa aatgcacgat ttctttcacc cagaaaagaaa aatgggtgtgc      660
caatgaagat gtttggttaa aaatccccag ttttggttgc nttgggtatng gcttacttgg      720
tcattcccct ttcacaaaaa atttggangg ggggggccc ntttgggnng atnccacctt      780
ggaatcttga a                                     791

```

<210> 3787
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3787
 nccnttttta nacccttttt nctaccgnnc tttttgcagg atcccatcga ttcgaattcg 60
 gcacgagaaa agactttataa gccctctgat tgatctcctt tgttggtgac ttcttgatcc 120
 tctttaattc aggaatcaca gtttagatttc ttagaatcct tctttgtgct ccaagtatca 180
 aagaccttat ggggctcccc agccataatg gaaaaagtaa tttctttaac aggggagaca 240
 ccagagcaag agcggagatg ggggtacgag ggggtectca tttatgcagc tggccagagc 300
 tctcatcca acccggggct tagtgagggtg acagatgtga tgttgccaa tgtagtcttc 360
 cttttctttt tttttttttt tctgaggcag agtctcctc tgtcaccctc gctggaacgc 420
 agtggcgtag tctcagctcg ctgcaacctc tgtctcctgg gttcaagcga ttccccagcc 480
 tcagcctccc agcactttgg gaggctgagg tgggtggatc acttgagggtc aggggttcga 540
 gaccagcctg ccaacatggt gaaactccat ctctactaaa aatacaaaaa ctggccangt 600
 gtggtggcgt gtgcctgtaa tcccactact caggangcag aaggcaggaa aaatcacttt 660
 gaaaatcang aaggcngagg ttgcaantga nctgaanat ggcaccactg cactgtancc 720
 ttgggcaaca gggcaagaac tccatcaaaa aaaaaaaaaa aaat 764

<210> 3788
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3788
 gncnttttta tnccatacng ctacttggtc tttttgcagg atccctcgat tcgaattcgg 60
 cacgagccac tgctacagcc ttagtccaga nttttctctt tctcttatct aggcgtgttan 120
 tatagcctan taaatgttcc gggccctcca gtctatttgt cattcaatca cttgtttcag 180
 aaatattact aggcacttat tttatgccat ggcacaattc taggtgctga agacgacaca 240
 gctgcgaata aaacagacat gggacctgtt cttgtggagc ttatacttta gtgcgtagag 300
 aaactaaaca gagaggtagt aaagatagtg atgggacata attctactga aggttgggtg 360
 atcaaagaag ctttgctgaa gagatttgtg ttgatgttgg tattttctaa aaacagatga 420
 ccaatatggt taaatttggt tctgagggag aaggtaacat gagatgagct cagataatta 480
 gacaggggccc agatcattta tatgcaaatt agattatgag ataacagaat ggtatatattc 540
 cctcatccta tttactgcag caaatctctc cttagttagt gagactgtgt ttatctccct 600
 ttaaaaccct acctatcctg aatgggtctgt cattgtctgc ctttaaaatc cttcctcttt 660
 cttcctctc tattctctaa ataatggatg gggctaagtt ataccctaaag ctcactttac 720
 aaaatatttn ctcagtcttt tgcagaaaaa accaant 757

<210> 3789
 <211> 926
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (926)
 <223> n = A,T,C or G

<400> 3789

tnegncnctt	ttnnnantag	nnnnnntgnc	nnntgnaann	gntnnatgan	gtncntnnntn	60
actatnatgt	aannnagacn	tnegcttana	tatatcgngc	nnnnnanann	nnngtngtatn	120
atnannagng	tgncctaattn	gncanaaacg	cctnnactga	ggnacttgta	nnntntttgca	180
ngnncccnan	gannncgaac	aaatccatct	tgtaatgaac	ggnggaaaag	ggccagcgag	240
accacacagc	acatcaatgc	catcaagcgg	gagattgatg	tgaccaagga	ggccctgaat	300
ttccagaagt	cactacggga	gaagcaaggc	aagtacgaaa	acaaggggct	gatgatcatc	360
gatgaggaag	aattcctgct	gaccccaag	ctcaaagacc	tcaagaagca	gtaccgcanc	420
gagtaccang	acctgcgtga	cctcatggct	gatatccagt	attgccagca	cctagtggat	480
caagtgtcgc	caccgcctgn	tcatggaatt	ttgacatctg	gtacaatgag	ncctttgtca	540
tcctctganga	catgcagatn	gcactgaaaag	ccaggcggca	gcatccggnc	aggcatttgt	600
cctgtgtgaac	aggatttgtt	ctctgggaga	agatgaccca	ggacaanatt	cagccaanct	660
gcagcagagg	gtngctttcc	tggaggggcc	ctgattccat	ctgcttttnan	aatgccaaaag	720
tnaanataga	gcntnaagca	taattacttg	aaaaccattg	atgggccttc	agngggcccc	780
atagaaaaat	nanaacctnn	ttgnncagtt	ccttnangga	aaaagancag	nnactcctac	840
cntacttggt	agtgggagct	gnttcaacca	cnntgnccaa	aaactngtan	ccccctttta	900
nttcnattgn	tgggacccca	nncang				926

<210> 3790
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (754)
 <223> n = A,T,C or G

<400> 3790

gnnncttttt	gaatncanat	acaagctact	tggtcttttt	gcaggatccc	atcgattcga	60
attcggcacg	agcatttagt	taagtgcagg	taattgcttc	attaggacat	atgtattgaa	120
ggagggaggg	caagtctata	gcatggtgat	aaaaacaggc	ctcaccctct	ttctctaccc	180
acacagggag	catctcagct	tgacttcagg	gatccaggag	ccaccagcca	ccctgtaaac	240
agcccagatt	aatcctgggt	ttcagtgtca	tgggaggaag	gaaggatgac	ctagtaaaga	300
gcaacttact	tactttcttt	ggggtggtaa	ctcattgctg	aactctggat	ggcactgggt	360
cgttcaaggc	aatgtgattg	aatcattggg	gattattact	gaattaggga	gcaaagtatt	420
cttatggaag	ctgtatgctt	tctgaggctc	accaggccgg	atggcatgag	ccctatcctc	480
tgtttgagtt	atttgactgg	ctttttaagg	gagtctccat	tttcattctg	gccatgacag	540
atcaagaggt	tatattctcc	catcagacct	tactactttc	ctgtagagtt	gaatattatt	600
ctgattttat	gccatgtctg	tgaatgtctt	tgtgtgcacc	ctacctagtt	atgcatctcc	660
tctttcaaaa	gcatgttaaa	agatccaata	gtaaatgatt	ctgcttatat	gaagctacta	720
aagtagtcaa	attcatagaa	agtagaatgg	gtgg			754

<210> 3791
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (750)
 <223> n = A,T,C or G

<400> 3791

gnncntttt	gaatncacat	acangctact	tgttcttttt	gcaggatccc	atcgattcga	60
attcggcacg	aggttactga	tggagagagc	agagaagctg	gtgtttgcag	tcccatctgt	120
cagccttgac	accctactc	ctgtccagcc	agtgtttctc	aaagcgtgct	gatgagcaat	180
gcaagatgat	tccatgttat	agataagaat	aaaaaaattg	ttttgtgttt	aactcaaatt	240
agaaaaaggc	aacaattggt	atgtgcgacc	tgtgggtttg	cagatgatac	tgttaggat	300
gttggtactt	aagaaaagg	caacttttca	aaaatactat	tagtgacatg	tggacctagt	360
cctcctgaag	aggactacat	tggggcaccc	gtaattgttt	ctatttgccg	tactctggct	420
gtgtggctct	ggccacgcca	ctgaggcag	tgtctgagcc	tgtgacttga	gtagttagctc	480
tgtgtcatgt	ctgtgatctc	tcccaaatc	ctgaagattc	atgatgaagt	gactgccggc	540
ttgggtctgaa	ctagattgaa	aacaataagg	atcccagaac	gatagcactt	tacaatccta	600
taattttggc	tcaaatggc	tgcagttact	atcttaaccc	tgctgttat	gttcattgag	660
caccaaagtt	tttcagtcaa	tccctgagta	attattctct	gggattgaat	tatgaaatag	720
taaatatttc	cactatgcaa	tcaattgggtg				750

<210> 3792

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3792

gncnttttga	ttccatacan	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagcaa	gaattgctgc	tgctgttttt	tttttaattt	tattttttat	ttttaaagac	120
tttcttacct	tctcattgag	agagagaaaag	atgccagag	ttaaaatagg	agggtgcttg	180
gtattttggt	gaacttcaca	agttaaactg	gcgaatggcg	tccatcagct	gttattcagt	240
ccttgaacag	agcagatag	ttgtgcgag	gacaaagaag	atgcctcaa	gacaaagaag	300
aagatgcctc	gtcgtccctc	gagctccac	acggcatctg	cacatcacca	gtcagcatt	360
tagcacactg	gattgacact	gccatgttag	gtgagggtgac	ggcatgccct	agagtgaagg	420
aatctacagc	aatatgatag	ctaaatgccca	catgaagtcc	tggattggat	cctggattgg	480
gaaaaaacat	ggctctaaag	ggcagtattg	ggacaattgg	tgaaatttaa	atgtagtcta	540
tgtattangg	gataatgctg	ttatcaatta	tacatttcc	tctgttataa	ttgtccttgg	600
tcacaccagg	aaatgtcctt	attaggagac	gcattgcagaa	gtcttttagg	gatgaggact	660
tactgcagct	tattctcaaa	tgtttatata	taagggtgaca	aaaattaaga	aattgggtcaa	720
tcttggtgaa	aagtttatga	agagtaaagt				750

<210> 3793

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3793

ngncnntttg	aatnccttta	cangctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gcctaggcgt	agtcatttct	ttattagctc	ttactttatt	tttcaaagtt	120
acgtaataaaa	tgtctatggt	tctaagctat	ctttagattt	gtaaaagggc	taaaatgtta	180
cttttaaaaca	tgtttgggtt	attcaaattt	gtttataaat	ctctcctttg	tacccctggc	240
taccaccctt	ccccactcct	ctgcctaaaa	ctaaggga	atcctgtcct	tgcccatagc	300

ttcagaatgt	tctgcaat	tttagact	tttttaactg	atcactgtta	agcaagggag	360
gaaatttacc	acttctcttt	gtgatgtaat	attgcacagt	gaccctaagt	ggaagccttc	420
ctgtgtcctg	gatgtgagct	ctgcgctgtc	agtgggtggc	ttgtaagctc	tggtctccaag	480
tgttctgagg	tgcaaggaac	cgatcttgtg	cagtagaaaag	agcttttgga	agttggcaag	540
tagcaaggct	agttctcata	cattctatgc	tctggccacc	ttttctgtg	gcaggaaaac	600
aaaacaggca	aatgcacaca	aactgggtac	atttaacttt	gcctcctgag	ccatctncca	660
agccatttag	ctttggatgg	cctcaatttg	gaacaaggga	acaaacaaaa	tcatgatgat	720
aacgatgatg	accccgatcg	tccttactaa	t			751

<210> 3794

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3794

gncnnttg	an	ttcnatacag	ctacttg	ttc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagatt	gcttctg	ttt	taatggtaat	ttgtctaatt	gtaaaaatac	cgaagtagtg		120
attccaagtt	agaaagtagt	gatccctaag	aacagttgga	gaaacatatg	gtttgttcta			180
tagctgtaag	cggtaatttt	gaagcaattt	tgaaagcatt	ctttcccttt	aagaaaaaaa			240
tagtttctta	ctgaaatgac	tttttaggat	gtcttgaaaa	acgtagtgaa	attcatctag			300
aaacttacaa	ggttgatgct	agccatcaca	tgcattgctgc	aatttgctga	aatgtcttga			360
tccaggggag	ctaaactttt	acaaaaatag	gtttgttttag	aagtcatatc	actacatgaa			420
aatcaccac	ttttgaaact	tacgggttaa	ggcagtttct	cttttaaaaa	tgtgctcatt			480
gattattccc	acccaaatag	ccagaatatt	ttgtaattac	ccattaccac	tcctaccatc			540
tgaaacgtgc	atgaaaaaaa	tgaaaaaattg	acttcatctg	aaaagagttg	tgtcatgata			600
tatgaaacgt	tttttgtaac	ctccaggaag	gaacattgca	atttttccat	ttcagatcgc			660
ctttgttttg	ccattctcta	cagcagacca	aagagtgcatt	caaagtgtaca	ttatttccagc			720
atagataatg	acttgaatat	gagaagtaa						749

<210> 3795

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3795

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tttttaatat	gattgtagaa	acattagatt	taaagcatat	tgaaaaagaa	aacagtatat	180
tcttttaggag	cttcaaaaaa	gggttttggt	ttagtcca	gggtgaaaga	agatctttta	240
ttatttttgg	aaataacttc	taaggaaaca	aaccaccctc	acatgcacta	tctcatttgt	300
atttctgtca	attctgaaag	gccagcattt	ggccagtatt	atttgaatct	gtattgtatt	360
ttttaaccag	aagaatgaag	gtttatagct	tcattctttt	ggaagaggag	gctggagacc	420
acagggttaa	tgcagggtgc	tcgctcttgg	ccggccctgg	caggggtcct	tctccctcct	480
tttacacgcg	cagacaaagc	ttgtggatgc	tcaataagga	cagctgccgt	ttggacagag	540
attaatcatt	tatttgtgaa	ggttttttct	gccttgcttt	cttgggtctt	tttaaatctt	600
cacattgggt	tgatcccaaa	atgtttgtgt	tgtccttact	caaaactagg	aaaaacaaat	660

tatgtggtaa gaagctcaga gccacttact taaatctcaa ctgattttat ttgtgagaac 720
atctgttttc tggatattta nacacttccct ctt 753

<210> 3796
<211> 755
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(755)
<223> n = A,T,C or G

<400> 3796
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ttcggcacga gacagcattc gctgaccatt ctccctctcc accaccaag gacaggaggg 120
ctaaccacagg cagagaacct acgctgagaa ctcaccacca gaaaaaatat ctgcttttaa 180
aagcacagtg cacaatagta ctttttaaaa gctaaaagag ctaagttaa agttaagac 240
acgtatgttc ttgacacag atctcctaaa agtctgacaa aattagaagt accagcacat 300
aaaaatagat gcccaagaat gtttattgaa aaaagctgaa aacctatgac tatctcaata 360
ggacaatgac aggatacaca atgggtttatc atgccctgac ctgcgagcag tgaccaagaa 420
ggagggcaca gatcacacag cagacagaca gatgctctga ggcttacgat ggggttatat 480
catgatgagc ccattggaag ttgaaaatgc cgtaagtga aagtgcattg caaactggga 540
gctgctgcgc ctgctgctgc ccacatcaca agagaagtac agtttctgaa tgtctattgc 600
ttttgcacca ttgtaaaaag ccacaaaatc atataggtcg aaccattaag tcagagaccc 660
tctgtgcata gacttggcat tggcccatga caagtga aaa gagtaagcta cagaataata 720
ttcatccatt cttcattttt ataaaaccac ttttt 755

<210> 3797
<211> 745
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(745)
<223> n = A,T,C or G

<400> 3797
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gtcagagacc ttcccttgtc ggagccggct cggggacgca gagactgcag ctgccatcga 180
agaggagatc taccagagcc tgttccctgog gggccctgtcc ctgggtgggt ggtaccacag 240
ccaccacac agcccggcgc tgccatctct gcaggacatc gacgcacaga tggactacca 300
gctgcggctg cagggctcca gcaatggctt ccagccctgc ctgcgccctgc tctgctcccc 360
ttactattct ggcaaccacg gcccagagtc caagatctcg cctttctggg tgatgcctcc 420
tcccgagcaa aggccagtg actatggcat ccccatggat gtggagatgg cctacgtcca 480
ggacagcttc ctgaccaatg acatccttca cgagatgatg ctgctgggtg agttctacaa 540
gggttccctt gacctcgtga ggctccagga accctggacc aggagcacac ctactngaca 600
agcttaagat ctccctggcc agcaggacgc ccaaggacca gacctgtgtc aacgtnctgg 660
aacaagtgtg ccggcgtnct tcaagcangg gaactgacct ttcaaggcaa ggtgggcttc 720
aattgtcttg aaggtccgga tggct 745

<210> 3798
<211> 784
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 3798

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ttacctaaat  gagagtcttg  gggaagagtg  ggattcctct  gaagaagagg  actctatgg      180
gcccactta  tcgcctcttg  agagtcttgc  ctggcagggt  aagtgccttt  taaaatattc     240
cacaacttgg  aaacctttta  atcctaattc  ctggttgat  catgctaaac  tgttggatcc     300
aagcacacca  gtccatatac  ttcgagagat  aggtctaaga  ctctcccat  gttcccattg     360
tgtcccaaa  ctggaaccaa  ttcctgaatg  gcccctctg  gcctcttg  gagtcccacc     420
ttttcaaaag  cctcttaca  gtcccagccg  gctctctaga  gatcatgcca  ctctaaatgg     480
agcactgcaa  tttgccacca  aacagctaag  ccgaacattg  agtagagcca  ctcccatacc     540
tgaataccta  aaacagatcc  ctaattcatg  tgtttctggg  tgttgctgtg  gctggctgac     600
taaaanagtt  aangaaacaa  cttgtactga  ccccataac  actantttat  ttttacattg     660
gncttccaaa  agggcagggt  naacaaactc  cntaacttgg  anttcttgg  aaaaaaacn      720
ncntttggc  ctctgaanat  ctnnngnngn  gggctaaatt  gganaaaagn  ggtcccaaa      780
attt                                             784

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<210> 3799

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3799

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caccttatac  attacttaat  ataagttaac  tacaaagagc  ctctccactt  acatttttat     180
catgcatctt  acattttaat  gtccttattc  ttttatagaa  aaggtcataa  taccacaataa     240
aaaagaatct  gtaatatccc  tgatgcagca  acaattgac  acatgctttc  acatgtgacc     300
acaataggaa  taaaataaca  gcgtaaagaa  atttgaaagt  tgtattacat  cattattcac     360
tgttcaaaaa  tttttttcaa  gaaacaagta  cactttcaat  gaaattacaa  tgcttcagaa     420
aatctccctt  ttaaagttat  atacaaaaac  agctttagtt  gtggattcat  ttttatactc     480
aatactctga  tttagtgtaa  tgtctgaagt  gtcagtgcct  tattctagt  taaattctca     540
tatttacgta  aaatcaattt  tgaattaaat  atttttttca  tatttacatc  tgcaaaaaata     600
tactttagta  taaactctct  gatgttttct  aagctataga  ttttgaaaaa  aaaagtcttt     660
ccaaattcat  tatatttgca  ggactcttct  ncaatataaa  ttccatgatg  tggaataaag     720
ctggagcaac  tgcttcangt  tttcctctag                                     750

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<210> 3800

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (742)

<223> n = A,T,C or G

<400> 3800

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agctacagtt	tcccgtttga	gcataattcat	tcttttttat	ttttgctctg	aacaaaaata	180
ttagagttac	aataattacta	tattccaggc	cttgctagaa	actggggata	aatctatgaa	240
tatggctcgt	tccctggaag	acctcacagt	ccaggggaagc	caaaccctgc	agacatgcag	300
tagaacttagt	ggctctctct	aagggttgctt	gttgagtttt	gacattggag	attatgtaca	360
gacttgaatg	actagtttagc	ctcaggcaca	gcattctggt	tggcnttggg	gggggggggn	420
aantactgcc	tctcagcctg	ggcaagtcac	ttagagatcg	cctcgtcact	ctnccatcct	480
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cttctttttc	aaggggacca	agccagnttt	attnccccca	ttttncagg	tnacttggtc	660
ccttgggccc	aanaatgtgg	tggaaaattt	ttggggcaaa	attccccntt	ttttcccttn	720
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<210> 3801

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3801

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tggaaaaggct	ctcagtgaaa	aangtattan	aattatttct	gaattatcag	tctctcattt	180
gtgcttttga	gaagcanaaa	aggcaaaaagg	ggtcttttggc	catcttctgc	tggagcttcc	240
agggaggatg	tgtctccaan	agaccagatg	tccgagtttg	aaatcccaga	accangagg	300
aaaagaatca	cagggaggaa	aagactgtcc	aaaggctcct	ggagtcttct	gttctctaac	360
cttgggaangt	tttgaacaat	atttctcana	ngatagccct	ttttttccaa	cctttttttt	420
ttntcatctg	tccagcatga	ctcatcccc	gggagtgggt	gaatgtcttg	tctttcaccc	480
aagaaaggac	ggactttttg	attgggcttg	taaatttggc	ccactgggtg	cttaatggga	540
agtaaaaaaa	agagtcnttg	cttaccatgc	cggggaacct	anaaattacc	atcactggcg	600
tttttttngc	ttttggttct	tcaatggggt	tggtagggtt	attgaaatta	tttantttnc	660
caaanaaata	aaaaaatggg	atttttaaaa	aaaatttttc	atcccccggn	nnaanttttt	720
ngnnnnnnngn	nttggaaang	ncnnngcncn	ntattnannc	tttnnnnttt	nnnnnccntt	780
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<210> 3802

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3802

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gagatgttat	aaaaatgtga	ggcttttaaat	atataagtta	tttgggctcc	tttgttttgg	120

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gcataacttna aacagaagaa aaccccttct gggggcagaa aagctagaac tggatatcac 180
agttccctct ggggtgggctg ctatgtgtca attcgatctc cttaaaagaa aatngtggta 240
gcctaaaata ggggtctttct ttaccacaag ttagatccct ggcagcaatc tacttctcga 300
aacagaataa ccattcaact atgacagcta tcttaaaatc atagactgta aataatattg 360
gggcacttct acatatcata gaaaataatg tttcaaccag aaaacatctt acctttttaa 420
agctttccnc cccctaaag aaagacatcc aatagaagtt gccacttctc catttatcaa 480
aagtaaaatc tacttccatg taggnccggc nacttctttt taccttncag tcaattctta 540
actattttaa gactaaaaca aaataaactta tctgnntttc cattttacta cagtaaattg 600
gtattaaaaa tagttcacat ggcttttctt tttaaaattc aaaggggtatt aacctgggat 660
ggtggaaaaa cccaccttta nccacacctc cttaaaaata ccttaacctt aacttntcta 720
aaaccaattht acccaganca actngggggc t 751

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<210> 3803

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3803

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tttggtgatn acctnncaat aatgttttgn nnacatgcca ntnattaaat taattcaaca 180
tgaagttgaa tttgatgaaa gtggtcatcg tatccangta ttnggctttt gaangttttg 240
cangtnaatg gagatggaac tcnccttgnc acacacnctg aactncantg gtgcaatctt 300
tgnctcactg caacctccgn cactgggctg gagcaattcc cctgcctcan ccttnaanta 360
gctggaatta caggcatgtg tcaccananc ccgggggtta aaattntttt ttttnatttg 420
aggaaaagcn gggtcacat gtaggcattg tggtntcnaa cccctgacct nangtgatcc 480
acctgncntt ggccttcaag gngctgggat tacaagctta aancaccatg tcagccagcc 540
aagtattngg nttttnaaaa atttgannnt tcntttgccc aaaggggaata naattttcct 600
nctgggtnaa aaagaaacct tttnaaagcc cnccttntt tttcaaaaana aaaattttta 660
anttcntttt gggnggtaaa acctggcctt naaaacctt ttnacttggg caaaataaat 720
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<210> 3804

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (711)

<223> n = A,T,C or G

<400> 3804

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gggaggctga ggcaggagna atcacttgaa cctgngaggt ggaggttgca gtgagccaag 120
attgcgccat gctgcagcc tggcacggcc agngnctcct tgtcaaaaaa aaaaaattaa 180
tnaatgcctt tggctaaacg taaaagcctt tnttggacca ncttaatgct taaaatctgt 240
tttngttcca ggtgggttgt taacagggaac tcattttttt ggtcttggat anggatcccg 300
gctactcaaa cagaaaatgg aaggaggaat ctggttaaag aaaacaccag tntccagaat 360
ggtgaagntt tggnaagaaa actcctttct tgcctaaaga aaaattttaa aggttnggnc 420
cttttcccaa aaaanccna cacttttttt tttcttgant gaangggctt taaaatttct 480

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tnggaaatag	ttttacccaaa	aatgggattt	aaaaaaatcc	taccgatcaa	gatgagttca	540
gctagnaagt	cntncncct	caggatcagc	ttaagtattt	tacttgattt	ttttacccaaa	600
tcaatgcncg	tacctacctt	aatecttnaa	ataagtttan	aattttaccta	accccaaaagt	660
ccaggagggt	gttnttacca	aaaaatagct	ttntcaaggg	ctggcnccta	a	711

<210> 3805
 <211> 668
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(668)
 <223> n = A,T,C or G

<400> 3805						
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gtctgatgtt	acctntggga	ttttttggtn	natgctcttt	atgtgtttga	ggaaaatcct	180
gtctactcta	gttttttagga	aggangnccc	tngaatecgt	gttgnatact	ntggcgatat	240
canaatngct	atggnnngng	ncnnngnttat	ncncattaag	ctcggaata	ngtgggtggtg	300
cgacatcaca	atgacnata	cantactgna	ngggccctag	cnnccaatcc	ttanggttcc	360
nnncatttnt	tctggctcng	aatcaactgc	atggncantn	ngccccccna	nnngaantan	420
ggaaggannn	tcacataggt	acatgtgact	atccttactn	aatctggctn	taaaaacatg	480
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tcccataaac	aacntnntta	cttnanggaa	aaaanatact	ccatgggggn	naaanaacca	600
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tattctta						668

<210> 3806
 <211> 707
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 3806						
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gggtgggctc	cttatcagat	gcctaaaacn	tnttgcttaa	agctcgatgg	gttctggagg	180
acagtgtggg	cttgnacacg	gcctacagtc	tgagggaggg	gagtgggagt	ctcatcaanc	240
tnttnggtct	tggcnttatg	genaccactg	ctcacccttc	aacatgcctg	gtttacgcac	300
natcttgntc	atgggaagag	gtnggtggna	gactctcana	gotcaagatg	ctnagagaga	360
aagntccctg	aactgggccc	atctgacttt	ctacctaccc	cattgggtttt	tttggcncct	420
ttnttcccac	tcaatanctt	ctggcagnat	netcctgagc	cacatgtgcc	angtactgga	480
aaaacctnca	tctttggcnt	cccaagagct	ntanggactc	ttcatcagca	ctagatttgc	540
ctentetaag	tntctatgan	ctcgcaccat	attnataaaa	ttgggaatgg	ggtttggggg	600
atztatgcnn	ncctataaaa	actatactga	gtcgtnttte	gnananncaa	nacnttataa	660
gnatncattt	gatnnanttt	ggcccccccc	ccttcttana	attnggn		707

<210> 3807
 <211> 698
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (698)

<223> n = A,T,C or G

<400> 3807

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tctgttaatg	cacctctgtc	tttaattgtg	aancaccgta	taaccatgca	tcttaccata	180
attgggggtg	atgtctgtgg	tacatgggca	caaacatttt	tctttcagcc	ttgtaatcac	240
atctccaagt	aatctaagca	aaaaagaagc	aaaatctaag	ccagtggaca	tgctganggc	300
tatcttaagg	gcttctggaa	tgacaaaggc	cagaaatcca	tcttcatatc	attttttttt	360
tttttggaa	cnaggtcttg	ctattgttgc	ccaagcttaa	aaaaattggc	ccgggggggn	420
ngcttttcna	ggngcnanat	agttaatgna	tcctttaacc	tcctgggggt	aaanganccc	480
cctgcctcaa	nccttttggg	gaacttggga	cccaaggngc	ncnccccac	ctgggaantt	540
taaaagcatt	tttatataaa	aaggggaagg	tgggctgtng	nccttttcctn	tttacctttn	600
aaaccgggga	atcaaaaaan	aaggggcaag	nggggatttc	gggccataca	agccnggggt	660
tgggggtccct	ggggggaaca	tttttttttt	ttttttta			698

<210> 3808

<211> 639

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (639)

<223> n = A,T,C or G

<400> 3808

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aaacaancaa	aacactaacc	agagaancgg	gcttattgaa	tnctttgcac	ctaagaagat	180
taagaggaaa	aggaggaggt	tagagtgtgt	gccntctgct	cctccgggtg	ctgagtgttg	240
ataagaaaaga	tagatgttag	anggtagcag	aattgtgttg	caagaattaa	agccaccagc	300
agatgagact	tggaccctaa	ccaattcccc	aggagaacct	gtgaaaaatt	aatgtcttga	360
agtaatggac	atcaaaaagga	gcacttattt	tttggaattt	ggnaaaaangc	tctagatcct	420
taggaggatc	tattttgctc	atttgnnggt	gagaaactan	attcaaagag	ataagtactt	480
gctcatcatt	agtatggcag	agccaaatca	actagatgta	acntgtctta	aacaccgact	540
gtaatgnaat	ctataactnt	actggagatc	tncaataaca	gcctcagtga	ccttgaaacc	600
cncagtngtt	agtaaataatc	ctggttttcc	tgatttagc			639

<210> 3809

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (727)

<223> n = A,T,C or G

<400> 3809

nntttgaant	ccaatanata	tatngctant	tgtgcttnat	gccttangat	tcgaattcgg	60
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cacgagccta	cctcaccagg	ttgtcgtggg	gagtgaacaa	ggtgagtggc	cctcacctac	120
agactcaaca	tatggccttt	ggctcttccc	acttccaaga	gtcttggaag	ggatgggtcg	180
agcaagcaga	ggaaaggaag	atgtgagttc	ccaaaatgct	cctcaccttt	ttcttctgag	240
tgggctcctt	ctcactgcat	tggagggcct	gcggcgcan	atggtectcc	acctggggag	300
actccgtccc	tgtctcttta	ggtgtcaaga	tcagaggcct	cttgcttacc	taccagactg	360
cccgggggca	cggcatgaac	cgagccttca	gcttgccaac	nttctttggg	aacctttttg	420
gnntgaattg	caanttgagg	gtgcngggca	tggacacccc	ggcagcaacc	agcatacaag	480
aagcccttgn	cacgtgacct	actcttacag	caatcgacgc	cctgccggcc	ctangggagg	540
aggaagtcca	acttcagtct	cagagattct	gatgcagtat	atcaattgng	ggttggtctg	600
ggccaagaat	ttttaataac	ttttnaaata	acctttcttt	gggtattttac	caaaaagccn	660
aacttggtan	tttggtcaat	acaaattttt	cacaaaaacc	ccctttaaan	caaaaaaaaa	720
aaatttt						727

<210> 3810
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (728)
 <223> n = A,T,C or G

nttctntttg	aanccttaca	ntctctgttc	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgaggtcg	tcgggtttct	gaggggtactt	cagctgacag	agagattcag	agaacgttaa	120
tggaggtaat	atttggtaaa	gggggtttat	aaagaaacca	atgtttatta	aatgaagaac	180
tgaacattgc	atatttgata	gtcaaaaatat	atagaacatt	ttaaatgaaa	tatgaaatct	240
gaaaatattg	tcaggaacaa	acatgtttct	ctatcacaaa	ctctaagaaa	atgactactg	300
gaaaataagg	ctatctgcca	aattccattt	ggtatacacc	tgtactattc	tgtgtttttt	360
gagtagatca	gtcattcata	tatttaaatt	cttatgaatg	tggaatcctt	ttgggccggn	420
gcgagtattg	aagacatttt	tggnatggca	tattaagact	gttggcaata	aatgagctta	480
attatgtatg	aagctgctct	aaaaattatt	ttttctctca	ctttattgct	gagactgagg	540
caactnaaat	agntttgata	attggaagan	gatnnatgac	agaatgaaaa	gaatgcctta	600
aaggnccttt	ccttccnagt	ttttaccctt	tccccactt	cccaaaaatt	cttntggaaa	660
aggtggaatn	ttcaaaaaat	tnccaaanta	ccattttttc	ccacctttca	aaattgggaa	720
aacntag						728

<210> 3811
 <211> 931
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (931)
 <223> n = A,T,C or G

gnntnannac	ngaaactntt	naactcctgt	tcttttttgc	ggatcccatc	gattcgaatt	60
cggcacgagg	tggctgttaa	gaaaacantg	gttttttctt	ttaagggtgat	catttcatgt	120
tcctatggta	tggatgcatg	tagacctttt	angaaacagt	taatgaagtt	taatctgctt	180
atgtggaagg	aaaagggttg	aatggaaaag	gcttcttggc	atgcaacgga	anccgcctcg	240
cttttcccc	gatgtgtcta	tttaggaaca	tttctgtgac	acttgccctg	gcgtctgcaa	300
cctgctacgt	ngctccttga	tgganggaan	aagcctggcc	gtggtanagg	gaaagctgag	360
ctctgttggg	aaaatgagag	ttcctattgg	agaaatgcct	ctgggcaacn	tgnetggcct	420


```

ttncennnaaa ngtttggggg cgcacatagg ctgtgtacaa gccanagtcn aaggtattaa 480
aacctaacca gccantgcag aagtcagntt gggaggttcc nggaaagtgc ctaaactaag 540
gcccnaaaag gaccaaaang gcccggcncc cccaggggta nttaaaaaaa ttaaaaaaaa 600
tccanccccc ccaaaggncc cttaattntt ncaanttttt cccctgggcc ccttaattcc 660
ccaattcctt tngggncctt tngggggaag agcccnttna aaatttttngg gcccancccc 720
ccttttttggg cnttttnaaa aaaaaggngt gggnaaangg gggntttttt ttttttttggg 780
ncctttccaa attgggggna aaaaaagggc ccttggggcc cctttaaaaa gggggggccc 840
ttggggtnaa ncctttccaa cnttttaatt tccccccaa nttttaaatt ttttgncccc 900
tttaattttt aaaaatncct tccccccat n 931

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<210> 3812
<211> 798
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(798)
<223> n = A,T,C or G

```

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<400> 3812
gggcntncg tnaacccttt gaaactaccc gnnctttttt caggatccca tcgattcgaa 60
ttcggcacga gnaaagaact caaagggcag caatncnttt aagtaaggaa accagttagg 120
agataattgt ggtaatccag ggaaagaaa atggcagttt atactggggc attgccagtg 180
tggatagaaa tagatctcag aagaatttta ggaagtagaa gtggcaaac ttggtgactg 240
aattgtgagg gcagaagtgg gagaaatcaa ggatagagtt tcttaacaa gctttggtga 300
agacagggac taccctattt gctgtcatgt atccacagct tagcacaat ctttatacgc 360
tggagatgct tgataagtac cgagtgaat tttctggctt gagtaccan ataatggga 420
tgccagtctc tgatttaggt aacacagagg cagactcact tgggaggtaa ctggtgattc 480
anttttaaac atgtctagct caacatgcct gtgaaacata cacatgacaa tgtccagata 540
cattggcaat tnggatgaat tgatttctgn aactcaanaa agagaggtct gagatgggat 600
tctttgcata ccttaccaa aaaaaaagg tttntgtttn tttngnaant naacncgntt 660
ttntggccnt gttaatccca nttncttng gggaggccna ngnnccgggg ngtnnccna 720
agggntcngg nntttaanan cntccccc cccaaaatag ggngnaaac cctttttttt 780
tttaaaaaaa aaccttcn 798

```

```

<210> 3813
<211> 465
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

```

```

<400> 3813
atganncttt tacaanctac ttgttctttt tgcaggatcc catcgattcg aattcggcac 60
gaggagaatc ttatatcttt aaaattgtcc ctatgttaaa tccagatggt gtcataatg 120
gaaatcatcg ctgttcttta agtggagagg atttgaatag gcagtggcaa agtccaagtc 180
cggatttaca tcctacaatt taccatgcta aggggctgtt gcaatacttg gctgcagtga 240
accgtttacc cttggtttat tgtgattatc atggccatc ccgaaagaag aatgtattta 300
tgtatggttg cagcatcaaa gagacagtgt ggcataccaa tgataatgca acttcatgtg 360
atgttgtgga ggatacggga tacaggacat tgcctaagat actgagccat atcgccccag 420
cattttgcat gagcagctgt agcttcgtag tggaaaaatc taaag 465

```

<210> 3814
 <211> 516
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(516)
 <223> n = A,T,C or G

<400> 3814
 ttcatttann ctnttttttt gcaggatccc tcgattcgga agagcttctg caggggctga 60
 gcagacccca gggcctctta gccaatcccc gggcctgggt aagcaggcga ancatatggt 120
 cggaggccng caactacctg nacttgccgn caagagtggg caatcttttn tgtctctcgg 180
 gaangnccca annctcctcc cccaanttga nanaaaaagn aagttntggt naaccancn 240
 taagccataa gttccccctgg ggccccctggg ganaaaagnct tcaatcacng ggccaagggc 300
 ttctggncce cattnattgn cttggacaag aactctgggt cacaagtctt gctnngtctt 360
 gctgggggan cccnaccnga cattgggccc cagacttgct ggtcttnttg ggaagaaggg 420
 caagacccca aaccaagatc caaaatacac ttncagctct taaccaaggc ttnccttcaa 480
 gtcacaagtt gttgcengaa atcagtaaca agaagt 516

<210> 3815
 <211> 461
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(461)
 <223> n = A,T,C or G

<400> 3815
 attcattnca cnnctgggtc tttntgcnag atccctcgat tcgaattcgg cncgagagct 60
 ggggggtgact acagctcacc tgcagctggt gagcaacttc aangcgtgag acccagggtg 120
 gccgggcctg gacccctgtg ccatggcaac nntgatattn cagangtntg nnntangcnc 180
 atnactgttn nnggtntntn tctaggnggc ctttaanttac cacatcnntn tncctcgnta 240
 gnnnaaatgn cctcntatna gcatnccttc cttcncgtan tgntnnatga gagcatgatn 300
 tataatgcct gaaagancct gggtnngnga ttatnnntna gttaataaat nattctnanc 360
 actatcacat gntgantgce ctncctnanc nccngngna aagagaanac tgacaannng 420
 gnntantntt antnctngc caanancnnn gttaccagcc t 461

<210> 3816
 <211> 466
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 3816
 tntacgttca agctcttgct ctttttgcag gatcccatcg attcgatgag cttattaggt 60
 attttatctt tcaaaaatat atgtncceaa ctgtgtttgt ttgtttcctg actgtgaaca 120
 ctgaagagga ctagatcaaa aatgaccaat tgagtagcaa ttgaacattt acagtgtctgt 180
 gtgcagtga cttctgtagc acccaaattg tgggggtggg gaaaaacat tccaccttaa 240

aagaaaacca	agcctttctg	gcaaaattgc	tgattctagg	ttttggccaa	gaaatgtaca	300
tgctgactgg	aacattgcat	aacagtttagt	aaggaggctg	ttaaagacta	tttaggggtca	360
tttcagaaaag	actggagaaa	tgactgtaga	attcccactg	gcccagagat	cnggtagaaa	420
cctgtgaagt	gtgtttaaat	tcttgagttc	ataatgggta	ttttaa		466

<210> 3817
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 3817	
tgcctnncag	ctcttgttct
aaactgcatt	ttgggggggt
ttgaaaaatc	aagatggatt
aggaaacagg	gattttactt
gtagtgtggt	tgtttataat
aacattccat	tgaataat
gttnaatatt	gtggcagcat
ttccaagtaa	atcattatta
	tctaaacagt
	gtcttttttn
	60
	120
	180
	240
	300
	360
	420
	459

<210> 3818
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 3818	
nnntnnctan	tcaagctact
anatgaaaag	gcngaattga
gtnccttctc	ctcacttcag
gnnngcncgt	ccgnnctgct
ggctnccttn	ctcnnntnct
nagcgcaaga	gncnttgact
atgcatgatg	atgcngcata
ctgtcctntcc	nacactatna
	gaggcngaag
	cnnacntgat
	ctcct
	60
	120
	180
	240
	300
	360
	420
	465

<210> 3819
 <211> 469
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(469)
 <223> n = A,T,C or G

<400> 3819

tannatcctt	anennnnnn	tacttgttct	ttttgcagga	tcccatcgat	tcggcctaaa	60
attagagaat	tatctgtctc	gtccttatto	ctgcagaata	caaatgtcac	attctaacct	120
gttaagagat	tgtcttcaaa	ataaaactgt	tattaactac	attaatgtta	gacaaagtac	180
acttttagggc	aaaaggcatt	attagggata	gatttcataa	tgatagagtt	ctatagtaga	240
atatagtaat	gcaactgaac	aaaatgaagc	tcattccact	gcattggaaga	atctcacaga	300
tgtgatgctg	aacaaaggaa	gccacgtaca	aacacttact	atataatttt	atgtacatca	360
agttcagaaa	caggatagtt	acctttggga	aggaggtaac	tgaaagagta	tgaggagggg	420
tttctgggtat	ctgggttaatg	tactttgtac	cagttaccca	ggagtgttt		469

<210> 3820

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (462)

<223> n = A,T,C or G

<400> 3820

gatnccaatc	anctacttgt	tcttttttgc	ggatcccatc	gattcgaatt	cggcacgaga	60
caaggacaag	aaagaaagta	cggttgcaac	ggctggctcg	catgcatgcc	gacatgatgg	120
aggatgttga	ngangtatat	gccgnggaca	tntgtgcatt	gtttggcatt	gactgtgcta	180
gtggagacac	attcacagac	aaagccnaca	gcngcctttc	tatggagtca	attnatgtnc	240
ctgatcctgt	catttcaata	ncaatgaagc	cttctnacao	naacganctg	gaaaactttt	300
canaangnat	ngnccggttt	accagagaag	atnccncatt	tnaagtatac	tttgacactg	360
anaacnnnga	gacagntctn	tctggnatgg	gagaattnca	cctgcaaate	tatgctcana	420
ngctggaaaag	atgagntntg	gctgncttgt	ntcacaggaa	ag		462

<210> 3821

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (464)

<223> n = A,T,C or G

<400> 3821

cttnnttaga	tacagctact	tgttcttttt	gcaggatccc	atcgattcga	attcgggcacg	60
aggattcacc	ttcttgttct	ttaaaagtca	aaaggctttt	tgacctttta	ataactctta	120
catctggtea	tcactgttga	aatgttctac	taaaattttca	gagtggaaaa	gttttaggct	180
taaaactgac	tggtaaaaat	agaatatttc	tttgtattga	tttttcagta	tagctgtaca	240
gccagttatc	cttcgttaag	tgtttcggta	ttaaaactgc	tcacatttgt	aaatattgag	300
cagctttatt	gtcagaacaa	gaatcccttg	gtttcccaat	ccccactttt	taacattgta	360
attaaacatc	ctgtataacc	tattttattc	tctgccaaac	aattttatga	ctgctgtttt	420
tactctttgt	gatgaaaatg	ggatggagaa	gataagggtc	tttg		464

<210> 3822

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (463)

<223> n = A,T,C or G

<400> 3822

attncaatac	aagctacttg	ttcttttttg	aggatcccat	ccgattcgaa	ttcggcacga	60
ggcantagct	gtggggatgg	agaaaagtgg	acaaattaat	tagagagatt	tagaggcaga	120
ttggtgattg	aattgagcag	ggcagtgaga	ggattcccat	gtttctgact	gagggtgtcta	180
agtggggatg	gtgatgaaag	ggggaatatt	gggagaggat	cacgtttgga	gggagactaa	240
ggcaccatca	gtattctaga	gatttagagg	ctgtgagaga	attgtgatan	gagggattta	300
ctctttggca	gatatccaag	cgtggaaggg	ctgtttgatg	gactgtcctt	gataatcaca	360
ggcaggtata	ncctcaaggc	tttgaggatg	gctctaaagt	acatttcaaa	caccacctcc	420
tccacaaagc	ctttctacta	caactccatc	ccctgagtag	agt		463

<210> 3823

<211> 470

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (470)

<223> n = A,T,C or G

<400> 3823

anaatacctt	tacaagctac	ttgttctttt	tgcaggatcc	catcgattcg	nananataaan	60
aangnnaaaa	tncagcaatg	gtncacaggc	tnncncctaa	nnnatctgcc	tgctgncatc	120
agagccnatg	tnctgggcnt	nntntctggg	gntacattat	ttaggccant	ntatcanggc	180
caacccctcc	anctgnctan	tagangccat	gnccactngn	taattcaagg	gccagctcc	240
aggnngttt	ncttctctng	gggancatca	gttnncttnt	nnntaccacg	ncattcccat	300
tngcatgttn	tngccgctnn	tcttaataga	taatatnnaa	accctnattn	ctcncgctna	360
ctaantacca	tcattnatnn	agtaaaanat	ctnanaaaaag	nngncaancn	agnngntnnt	420
gatnctnctc	ctccccctcc	ccacctgtgt	ttttaanaga	caggattccn		470

<210> 3824

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (465)

<223> n = A,T,C or G

<400> 3824

ttanttcnat	acaagctact	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
agaattcata	aaaggagtta	gttgcagtca	tgtgtggcct	tgtctagaag	caaaaattat	120
aatatcaaaa	gctctacgta	tgaattgggc	cttaatgtct	ttgtactcat	ttattctttt	180
attgaaaaaa	agctctaaat	gcctattttg	tgtcacataa	ttgagatttg	ctttgaaatg	240
tctgattctt	tactatagta	ctatctgagt	tggtcacagt	ggatgggtga	tccatactct	300
gaactgttcc	attatctgga	attaaaggca	tataataaaa	agaaatagac	tgtatttagt	360
ttattctagt	gtaataaatt	gaaaagtaaa	tagatgatta	gaagcaagtg	ttccaaataa	420
aaatttatca	gcagtataac	aattctatca	ttcattccaa	cttgg		465

<210> 3825

<211> 460

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(460)

<223> n = A,T,C or G

<400> 3825

cnttgnnttcg	atacagctac	ttgttctttt	tgcaggatcc	ctcgattcga	attcggcacg	60
aggagaggtct	cactctgttg	ctcaggttgg	agtgcaggca	tgtgatcata	gctcaccgaa	120
gcctcaacct	cctgagctca	agtgatectc	ttgccttacc	tcccaagtag	ctangaccac	180
aggtgggcat	gaccacacct	ggctaagctt	aaaatttttc	tgtatangtg	gtgtctcact	240
atgttggcca	nactgggtctc	agatgcctgg	gctcatagcn	gtcctcctgc	ctcaaccttc	300
caaaggctgt	tgattgttta	aatacgaaaa	antttagaan	atatantttt	acgcacttaa	360
ttnttagtct	ggtgatatac	catccaaaan	gcntctnatg	ctgggcacng	ttgantcatg	420
cctattatnc	cagcacttng	ngaggccnan	gcnggangat			460

<210> 3826

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3826

nncnntttga	ttcnatacan	ctacttggtc	tttttgcagg	atccctcgat	tcgaattcgg	60
cacgaggctc	aatcaatatt	tattgagtgc	ctacgacata	tcaggctcag	ttaggagctg	120
gggataaagc	agtgaccaa	gcagacacag	ttccttctcc	agtgagatta	taatccagat	180
gggataggct	ataaataaag	gaagaagtta	acatatatca	gggtgggtgg	agtgtgtctg	240
agaaaaatga	aggaggggag	agagaaaagg	ggatgccaca	aggctagggt	agagagttct	300
gtttcataca	gtggtaaagg	aaggcctttg	tgttgagtgc	tttgctctgg	aacgacttta	360
ggatggggaa	gaggcccagg	tggcacctag	acatttgaaa	gtaagggtctg	aggctgcatg	420
tctctacct	tattttcttt	catgtttgcc	tttcatggat	tttttttcta	tgtatctaga	480
attaaatata	gaactagggt	gaaatatccc	tcaaaaatgg	tatgggagca	actattagaa	540
tgaataggac	tcttggggcc	aatgggatgg	aatgtctgtt	tctgggtcaag	aggattgatt	600
ttgatactgg	aatagaatat	tcacatatat	cttcccattg	cctgactnca	atgggtgcct	660
agctttccat	caaagtggga	cttgggtgag	tggggatgtg	gatgcatatt	aattaaggta	720
cagctggcac	cggcttaaat	agaagggaag	g			751

<210> 3827

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(463)

<223> n = A,T,C or G

<400> 3827

tnnntttcan	acangctact	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
agaaaacgacc	accttttacga	gaattctttg	tcgatgactt	tgaagaatta	ttagaagggtg	120
agagaactct	ttaccacacg	tttcttccag	atgctcctat	ggtcccgtaa	acaatgatat	180

ttttttctgc	aaggetat	tactttttaa	gagcagta	at	cgtggcatt	gccgc	atgat	240
gggaacccan	gtagggagcg	ggtgatgttc	ccaggcagcc	ttgggtg	tcgg	caggtctcta	300	
aacctgggtg	ttagtcgtcc	tctgtgggag	ttgattttgt	tctgtgaccc	aggtcaggtc	360		
tctctctaag	aactctgtaa	gagtatagaa	atacaagtaa	agtataaaca	tgtagaaaaa	420		
caagtaaaact	ggggaaatcc	ttcgtctggca	gcaaaaactgg	cgt		463		

<210> 3828
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 3828							
gcnnnttgntt	nnatacanct	acttggttctt	tttgcaggat	cccatcgatt	cgaattcggc		60
acgaggagtt	ctcttggtgtt	ttactctttt	tacagtga	aa	ccagcagtg	gtgtagcagc	120
agtgacactg	ggctctttac	caatgatgaa	gggcgacaag	gtgatgacga	acagagtgat		180
tggttctatg	aaggagaatg	tgtcccagga	ttcactgtcc	ctaactcttct	gcccgaagtgg		240
gctcctgatc	attgttctga	agtagaaaaga	atggattctg	gattggataa	attttcagat		300
tcacattcc	ttttaccttc	tcggccagct	caaagagggt	accatactcg	cttgaatcgt		360
ctacctggag	ctgcagctcg	atgcctcaga	aaggggcgaa	gaagctgggt	gggaagggtga		420
tacctctcac	agttagcttg	gctcagtg	ggg	gagataatat	tccctatggg	agttgtgtat	480
cctattaaca	atcagagggtg	ctacagaact	ccctgaagtt	aatggagcca	actggaatgt		540
gttgggagtt	tacaagagtg	aacattatgt	agcatgtgaa	tggatataca	aataaaaagat		600
gaaacgtaat	tcatatagaa	gtactgacaa	aaaaaaacac	tgtcattaca	gtgtctattg		660
cctgtaaacc	tacaagcctg	agctgggtctt	ctgtaacttt	tgattaatgt	tatgttatta		720
ttgggtaagt	taaaatctct	tggettn					747

<210> 3829
 <211> 468
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(468)
 <223> n = A,T,C or G

<400> 3829							
tttccttttt	gtaaacccta	cttggttcttt	ttgcaggatc	ccatcgattc	gaattcggca		60
cgaggtaaaa	cacccctac	agttccaatt	ctgggcctgt	cttctatcta	tctttgcect		120
tctggctcgt	tcctgtttct	gagccccagg	gaacttangg	ctgaaagtca	ccccgaagc		180
ctcagaccag	atcgggaggc	cacacgcagc	tcatggggac	agagggccca	gggtgacggt		240
ccactcatga	gaagtgtctat	gtgactncag	ggagtctgtc	cctcttcggg	gtcceaatec		300
ccagcccaag	ctcagatgac	ccagcctgtg	tcccttttagc	ggccgangag	ccaccacctg		360
ttcggggggt	ggaggatggc	ttccaganga	cctggggacac	tcacctagct	cgttcatggc		420
acggcggtac	tcctcatcaa	aggacaagct	tcataacagc	acangtgg			468

<210> 3830
 <211> 467
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (467)
 <223> n = A,T,C or G

<400> 3830
 cnttgatnch tatacancta ctenanctct tgttcttttt gcaggatccc atcgattcga 60
 attcggcagc aggggggtctc ttctactgtc ttattggacc ctagcagtgg ctctgagcca 120
 gcagtcctgt cagttgattt cttgggtcgtt cctttgtttt cttctataat cacatgtgga 180
 ctccagaatga attttgagtt actctgaaat ctatttattc aacagatatt tacttagtac 240
 ctctatttgc cagactctgc tttatgttgg atattatttt ttaaaagccc accttgccca 300
 gatttcccca aaggaccagg tggcttccct ggttttgaaa gaccctaatt cttactatga 360
 tcttaagtaa attatattct ttctgtgggc tcaagttctt tctaagaggg ctctttgggg 420
 ctacaaaaga aattgttagt gcaaaaagag tttataaggt ttataaa 467

<210> 3831
 <211> 471
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (471)
 <223> n = A,T,C or G

<400> 3831
 tntttnanta cttnnaantcn natacanget acttggtctt tttgcaggat cccatcgatt 60
 cgaattcggc acgagccgag ctgacaagtc aactctaagc acttatctag aagactgtaa 120
 atttgacaga gagcgaatag aactgttttg caggaatat cagaataata agaattccct 180
 agaaatccta ctgggaagta taggcagatc tctccctcat ataacggatg tttcttggcg 240
 cttggaatat cagataaaga ccaatcaact tcataggatg tacagacctg catatttggt 300
 gaccttaagt gtacagaaca ctgattcccc atcctatcca gagattagtt ttagttgcag 360
 catggaacaa ttacaggact tgggtgggaa acttaaagat gcttcgaaaa gcttgaaaag 420
 agcaactcag ttgtaacttg gggaaagttaa cgatccgccc gagtgcagag g 471

<210> 3832
 <211> 470
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (470)
 <223> n = A,T,C or G

<400> 3832
 tataccattt tgaattcnna tacaagctac ttgttctttt tgcaggatcc catcgattcg 60
 ctgctaaaag gcgatagat gttcagttcc tccatgaaat gagatttagt tcccatgtaa 120
 tggcattttc cataataact gctgatatca tcaaggtaaa gagagctgct tctcctaact 180
 acccatgaaa gaatttagct ttttatattt ctacctctcc catatagttt aatctctccc 240
 caactgcgagt atgactgact ccaagggtatt gaagtctgtg ctctaattgg gaattcaatg 300
 aacaagactt cagtgaatga acttttttag ccatattata taaaatgaaa aaggatctgc 360
 tcttcatttc aatctcctgt acaattgtct ctgaacagta gtacagaatt gtagagatag 420
 cacattatgc aacctggctt tttatctgag acataacttaa tgaaagcaca 470

<210> 3833

<211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (465)
 <223> n = A,T,C or G

<400> 3833
 ntcctnttga ttcgatacan ctacttggtc tttttgcagg atcccatoga ttogaattcg 60
 gcacgagccc ctgtgccctc tccccaggaa atcaagtcct aaggaataag agtttggttg 120
 acagagttga gccttgaggg gacacaaaac attgtaatat ctaagatatt tttcatactc 180
 tcccagaaaag aaccaatttt caccctgggg tggcgggggtg gtaaaattgc cctgttcag 240
 aatacatgct ctaataagcg gcagccatgg gattttatcc taatactgag tctagatgcc 300
 aaatcttttt caccctgtct caaaacaaac aacaacaaca gcaaaaagat cactttggct 360
 gtttttattt ttggctgtta tgtgaagaat gaattgcaat ggggcaagag tagaagcacc 420
 aggagaaaag caaatgagtt ttgaataaat attttccctc atctt 465

<210> 3834
 <211> 469
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (469)
 <223> n = A,T,C or G

<400> 3834
 tgccctttga ntacngntac aagctacttg ttctttttgc aggatcccat cgattcgaat 60
 tcggcacgag aaagcatgtg tgttgggggg tgcgtatcat tttaccatgt gataagcact 120
 tttcataggt agcaaagaca cattatgtaa acttaggagg agggagagaa tgcaaatttg 180
 catgtgaatt ttattttgat taatcgcttt ttttgctttt cagcaatgtt atttatgaac 240
 aacaaaatta tagaaaaagt gagaaaaagt caattatcaa ttattttctg atgaacaaca 300
 acaaagacaa aaaaatggtg ggattgattt attttccctc gacagaattg attgtttctt 360
 taggttctat gcaacttgca gactcactga ggggtgaatgg aatgtgctga aaattcagcc 420
 tgacttggca gtcceaaggg acacacctca atgtagagaa agcaggaat 469

<210> 3835
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (465)
 <223> n = A,T,C or G

<400> 3835
 cnnatnttgg ntcccgttcc aagccacgag cccattttgc aggatcccat cgattcnaat 60
 tcggcacgag gcacaggcca cggagagaga gaggccgggc ctggatgaag ccgtgggcgt 120
 tgggtgccgtg cgaggccan catgcttga ggaaaggcca ccgtggctgt caagtgtan 180
 ccaggggcnn agccgggctt gtgtttctcg ctcantntna nccatctntn atctgnttca 240
 aagggnatte aaaannccng ggtcagattg tttcttggat tacnctgac gtctggcctg 300
 ccttatccac cctggaaagt tctaagcaga taatanntat gtggcatntc tgagggtttg 360

atgccccgag ccgtttacaa tatgcttccn gactgaaagc tgggcccctga nttnctnngc 420
 tgagnnctac nttggaaacc acgttccccc cagnctcatt atcac 465

<210> 3836
 <211> 1039
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1039)
 <223> n = A,T,C or G

<400> 3836
 ccagccanaa nacngngana aaaggncnga cgnanacaga nnncgannnc gacgccngnn 60
 gaanaagcan anancacccc cccaggcggtt ggaacccttc anagncgacg aaggcagacc 120
 cacgancgaa ccggcacgag actgannaga ncnngcncga aaaagtgtgn gccatactga 180
 gacccacggg cagccncncc gccnctacag ngncaggngg accagggaca ccnenggaen 240
 gcgcannacn gagaannaag gaancnangg ccggcacgaa gggcaaggga gggannnctg 300
 cacgggacgg canaacngca agccagcctn caagcnggca agancagacc aggnnggcggc 360
 aaaaaacaaga aacagcccga ggcnacagccc ggcnncnaac caggcccnaa ncaagaaaag 420
 anaagcaccn gngcnggacg gcngnaccca cacaacgggc acgnaaaaag ggcngccgc 480
 gnggacacng cnnnncatng gaaaccaccn ccnggnaaaa ancaccanaa gggggccngc 540
 anaaaacccg aacnggganc aagngccann cagnncgggn aaanaggang naaaaaacngg 600
 ccagnnngcn accngggaaa aaaaaaacgn cncennnatn gncgcnnenn cnnncacggc 660
 aananaccan agcgggacag acanngancg canacanang cgancggaga ananggaaag 720
 aagggagaca aaacagcang anngacgaan anggnacacg cnacacgcac agcgangnng 780
 nancaaaagn annncncga nnannagnn gnangcaaaa naacgcgag agannagana 840
 gnggacgcac nngcncacna ganggcnngc ngacgnnncc ccaaaacgac nnacgnnnng 900
 gagcaganaa cgacgcacna naaaggacgn anganncann nccnggaana aagggnagaaa 960
 nngnngnacn anggcgacnc caggagacaa canangnnaa agcnaagccc cnagnacaaa 1020
 agcaccaaaa naancnccg 1039

<210> 3837
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 3837
 gcnnnttgat ntncatacan ctacttggtc tttttgcagg atcccatcga ttcgaattcg 60
 gcacgagctg ccttccaaca aaatcgtaa ggggacagag gaggtaggtg ggcaggagtt 120
 gccttattcg ctgaccagtg acaactgca gcaattcgtg aaccatctgc gctatggcgt 180
 ctcccgagc gaccaggtgc atcttcagcc tgcattccct tcccaggagc caggccactc 240
 cctcagctgc cagaggtggt gtccttctgt gggccagggt gggatggaaa tagacatgag 300
 caagacaaaa tagcagatat gaaactgttg tccttgaggg tgtcacattt ggggtgggga 360
 caaggggtggg gagataggca agtcggcaat gtagaccagt gcagtgggtt ggggggtggc 420
 cacagaaggg agtcacagcc tgaaacagcc ctccacagcc cttagggccg gctttatgat 480
 tcccacttta cagatgggga aactgaggct caccgtgctt aagtaacttg tccaaattca 540
 ttaaactcct agttattgag tctctagtcc atgtcancca tggtagaaga cgggggagtt 600
 aaacctacat gtgttctctc caagggcccc gatcaaggaa agcttttgta gaaanangtc 660
 acaccgagc ccacctgatt taattatctt gattaatctt gaaaaaaaaa tgaacctgga 720

gattaccagg gaaccggggg ccaataanga agtgtagct

759

<210> 3838
 <211> 751
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (751)
 <223> n = A,T,C or G

<400> 3838
 gncnntttga ttccatacan ctacttggtc tttttgcagg atcccatcga ttccaattcg 60
 gcacgaggca cgcagcacc actcagcacc tcttagaaga tgcgtccgta gtatatagta 120
 tgatttttcg aaggggattt tgcctcatatt aaggggttgc ttagggatgt ccaggaaggg 180
 tcaggtaagg aatctttcaa tctgctttct aattggctta gttttccac tgtcttcgca 240
 aaaggacagg aatttccagg ttagtttgca gcttgcttt catcaagcga aatgctcatg 300
 ctggtgggta gatggaata gaaacctttt gctaccttta tttatcaaga gttgtggagc 360
 cgaggaaccg tgtcttgga gttgtgcagg attgaaactc acaaaaaagc ctggttgaag 420
 aagttgttac ctatatattt tcaaggcagt tcacaagcct tatactaact ttgcgggggtc 480
 tttcagttga gcttacatga ctgcgcttgg ctttgtgcct tggcagccaa catttgccat 540
 gcaggaggct tcccagaaag gttcggattc ctcttcaagt ttgagaagcc tgactgagac 600
 cattctcagc atggcatgac ccgtgaatca ggaagtgaga atctggagta ctgctaaggc 660
 accttggtgg tggaaatgag ggtttgagat gccaacctt ctgtgccttc ccacaacttc 720
 caattgtttc cattgctcat ttgaccaacc t 751

<210> 3839
 <211> 750
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (750)
 <223> n = A,T,C or G

<400> 3839
 nccnnttgaa tnccntaca nactacttgt tctttttgca gggatcccat cgattcgaat 60
 tcggcacgag atgaatttgt ctctgaggat attcaaagaa agcagcagta gtagtggttaa 120
 agggteccag ctaggccttt tcagttcttt cctatcattg ttaatgtaga caaccatttc 180
 ccagattttt gagataaatc aatttattta tttgcaatat ttacatgcct acatggtttt 240
 ttaaagttat tttaatgtat ttttaatgat taaaaatta tgtcccgat ttattagtca 300
 ttcattactt accattattt gcatttaate cttaaagcag aagtgtacaa aaaagagatt 360
 aatgtaaagc aaatcaatga ggattgaagc aaattaattc tctcaaaata aatatgtagt 420
 atcttttagat aatttggcac ctgctgagtt tgtcaatctt agcaaactag gccatttaga 480
 ggaaataatt ctgtctactt tttgagtgtg ttttttaatg cttttacttc tgggtgtgggc 540
 atgctggatt ttatatctt aaaaaccaat aaaatttgga aggcattgcc tctaaatggt 600
 acctaaaaaa tagaaaacac aaccntaaa tatgcctagt aattagcaca tattttattt 660
 catagaaact gattcctggc tggcctgggt gctcacacct ggtaatccca acactttggg 720
 angttgaagc agggggatgc ttgacccttg 750

<210> 3840
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 3840
 nccttttgat nccttacanc tacttggtct ttttgcagga tcccatcgat tcgaattcgg 60
 cactgagatta gatactatag taggttaata atgactaaca ccttggtcatc tcatcactga 120
 gctttttgtct aagatagtct ctgaatttag aactgggacg aaagtgtaca taataggcta 180
 ttataaaaatt tttagaattg gattttctaaa cttgggggtca gtgaatctag caggcttaag 240
 cagtgttctc aggtttttct ggcacagaca aggaatataa gaggaggaga gaaaaggaga 300
 gacagtgtg ggagggaata gaatgagaga agatagaaaa tatggaatta atagagaaag 360
 gatacatgaa gtattacaag atttttcttg aaaaattggc atttcagtga tggatcaaag 420
 atgtctaatg aggcataatc tactattact taaatattta atgtttttaa gatttgagga 480
 taaaaggata tagatctgat ggcgttcata ctaattgctg tagtggtgat gttggagaga 540
 ggggtaattg atcaagacag agcagacaga ccttttaca tgagagcaga agatatgttg 600
 ttacttgatt ctactttccc acaaaatgct aatgctttta taagtccctc ctcentatct 660
 tctagattaa ctcentgttt cttcctctaa accagangat tatggcagac aggcataaaa 720
 aaaaaaaaaa aactcgagcc tttanaacta t 751

<210> 3841
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(800)
 <223> n = A,T,C or G

<400> 3841
 aaatacacaa caggcaagtg ccgtatacca ggaattgttc aaggagagca ggtagtttgt 60
 cttatattct aacgtgggag aaagaaagca aataaattac atgaattgat taattgatca 120
 gttgcatggc ttttagtata cattttctgtc agtctgcca ccagcacagg tcccttatta 180
 gcatgggaga agggcctgat cactgaaagt attatagatt tataagagtat tgaaaggaaa 240
 cttaaggaaa ttgggggcag tggcctttta gaaaacagcc taactccatc agtgacttct 300
 gcttgcttgt gcctctcata tgtgatctgc tactggcctt tggtacttct ctctgaaata 360
 acacaaaaat tatgtttagg gctctcattg acttcaactc caaacatat gttacttctt 420
 ttaaaaaacat aattttctaaa aaaaaaaaaa aaaaactcga gcctctagaa ctatagttag 480
 tcgtattacg tagatccaga catgataaag atcattgatg agtttggaca accacaccta 540
 gaatgcagtg aaaaaaatgc tttatttgtg aaatttngna nctattgctt tatttgaacc 600
 attataagct gcaataaaca agttaaccac caccattgca ttcattttat gttcaagggt 660
 caggggggagg nggtgggagg ttttttaatt ccgggcccgc gggcccatgc attgggcccgc 720
 gtccccactt ttggtncctt tagngngggg naatgcccc tggcgtaaac atgggcatag 780
 ctggttctctg tggnaaatgg 800

<210> 3842
 <211> 464
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 3842

ttatnctttg	aaacacncta	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgaggaaaag	gccccagaat	gggctngctt	gaactggaaa	aacacacttt	ctcatccctt	120
ttggaccaag	agcttcttga	gagcaaaagca	tgtgtttgat	attcctttgc	tcaccctcag	180
gccttgtttg	gcaaattgcc	tgggatacag	aaaataagga	caaggtctgg	gtgtagtggc	240
ttatgcctgt	aatcccacac	tttgggtgac	caaggcagga	ggatctcttg	aggccaggag	300
ttgcagacca	gcctgggtaa	catagtgaga	ccttgtctct	gcaacaaaat	ttaaaaatta	360
gccagacttg	gtggttccca	cttgcaatcc	cactattttg	gaggctgagg	cgaaaggatc	420
acttgagcgc	aggaatttaa	ggctgctgtg	agctatgatt	gtgc		464

<210> 3843

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 3843

gaaatcttta	tcantacttt	gttctttttg	caggatccca	togattcgaa	ttcggcacga	60
ggctactcag	gagactgggc	aggaggattg	cttgagccca	ggagggttggg	gcttcagtga	120
gccatattca	caccactgog	ttccagcctg	ggtgacagag	caaggtgcta	tctccaaaat	180
aaataaataa	atgttaaatt	tgtttttttc	tctctctctt	tttttatgta	gaattttgtt	240
gttgatactt	actgaatgta	gtgaccctgc	tgtggtaatg	aacacttcta	gtgccttcta	300
ggcttaaaat	accagacagc	cccaaataac	aaatgctctt	ttgtgttttg	atagggttga	360
ttctgttttg	cttaatatgg	ggaatactgg	ggggaaaaaa	gatgggtgtt	tcattctaag	420
gattgtccta	aagaaagtgc	tactttattt	ttaagaaagt	aaggccactt	gttatataag	480
aaataacaag	ttcccatggg	gtcccatttt	gcaaaagggg	ataaagaatt	agactgatag	540
catcatacga	ggcatatttc	actatacaaa	gtgttgctac	ctgtctatac	aactctccta	600
cccagcttga	cctcactttt	catacctgat	gcagcaaaac	aattcaatgc	cataggagaa	660
ggaagcacat	ggttataagt	gactaacacg	atattaggca	atttgtccaa	atttctcatt	720
ttctttatag	gtaaagaaag	cattcttatt	tgattaaat			759

<210> 3844

<211> 954

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(954)

<223> n = A,T,C or G

<400> 3844

gggnnnnttt	tttggnnnaa	aaantttttt	ttncceccca	nnaaaaantt	ttnttttggg	60
gnaaaaacca	nncecccect	tttacctnng	ggggaaaaac	ccttttnenc	cnnnggggcc	120
cnangggggg	aaaaaccccc	ccccaaancc	cgggaaannt	tncccggggg	naaggcccaa	180
aaaaaanggg	naaggaaact	tngggnnntn	ccctcggggg	nngggaaaaa	aaatgggaat	240
ggtaaaaatg	ggggcccaag	ganntaaccc	aaggggncca	aatggggngg	ggggggaaaag	300
aaaaaaagna	aagggggntn	ncnctccccc	taaaaacncc	caccaanggg	gggggaagcca	360
anggaanttt	accccnnggg	caagggaacc	aataattaac	ccttggaatt	acccgnngnn	420
acccgggcat	ctgggaaana	nggnnnacnc	atgtggagta	naacaanggc	ggctaataca	480
nccaaggggg	ccaagnnggg	cacacatnca	tncnngctcc	tggaaaccngc	atatgcnatg	540
ctctccteta	gaacactngt	ccattngcca	cgggtctntc	acatgaccaa	ancctacatt	600

ggctccaaaa	atcnccangt	aaaatggcac	ttccccaaag	aagggggaaa	ttttnnaaaa	660
cccccccccg	acgcaggcca	aannggaccc	cctgggctac	ttaancanag	ccatccccna	720
ncaanacttg	gnagcactna	aaagnagang	gggggganaat	anctgggnccg	gacaacacgg	780
cnactctnng	gctcaggatt	aagngggaaa	gnnggaanaaa	ctgggggtnt	caggacngga	840
ntccaactct	aanccggggg	gttaaaggga	aaaaattcnn	ggactgaaag	ggggngggan	900
ggggggaacn	ggctccagaa	aaaggaactc	cataccctcc	tttaatcaca	gaca	954

<210> 3845

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (828)

<223> n = A,T,C or G

<400> 3845

tgtaggcaa	ctgatgacta	tacttatttc	acaactggta	atgtgaatta	ttattgcata	60
aactatagtg	ctgaggcccc	agtctttaca	cttccattta	ataacttcac	agtttcatat	120
cttcttgaga	tacttactaa	tttcaagtcc	catcttggtc	acaaggagtt	gtgaattaga	180
gaacaattaa	tatcaccagt	taaagaagtt	agattagaaa	tctgaaccat	cctaaacata	240
agaagtacct	gcatcttcag	agtcttatcc	caaagccgtt	ctgctaaatt	gttcaatttt	300
ctccatagca	gagctttcca	ggcccttatt	tggaagtgat	ttatctctat	gcacagttat	360
gtatggatag	tatacataat	actagcaagt	gttattacct	agtgttaact	ggtagngtat	420
ttacatcaaa	atataactta	atttatcgat	atcttttttag	gggttttcca	ttaatcaaaa	480
cacgtgatat	atgtaatcag	ttgcangttt	tctgtgactg	ngacagtaga	gagtccttca	540
tcctctgaag	ttgaagaagg	tggatgattc	ttcanagagt	gttcatgaaa	gngcctggga	600
aaactagtnt	tgaacaagaa	gcattaccgg	gaaaactggg	aggagtgnct	aaagccnttt	660
aaaggaagaa	agaatgataa	ggcttaaggg	tggtaaaccn	antcaatgaa	cctgggacaa	720
tgaaaaagnc	cccctttaaa	aaaaaataaa	atttntnttt	ggtttggaag	cccttcatgc	780
ncaggcattt	gacnaaantn	aancccggga	tgaaaaaagg	ggtttttg		828

<210> 3846

<211> 1046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1046)

<223> n = A,T,C or G

<400> 3846

tngttaagca	ttcaattttt	agatncattt	ntcacaaatg	catgattctg	gccctnaaat	60
cognatatnn	gcataatntc	ccnttcaggg	gggatacana	aatgggnnta	tgcacacact	120
antcngngng	cacgnaaatt	tctgggtggg	gnaactgggc	ggctnatgnt	ngtaaaatgg	180
ntcnatagac	tatctgnanc	acanngnann	tnttncaccc	tgnatgttga	actatgaaag	240
atcctttntg	cgcttaattt	tacggntaag	gngcaagntn	ttggcctcca	aaccnatgtg	300
tntcataaat	gtgccanacn	taaattattt	ttgaactttt	tncagaaata	ctaaccatta	360
aanggangtn	ttcnagattg	gcaacntaat	ggcaagccct	ataatttgca	cacttatttc	420
ntgcaggnga	tggtatttgg	ttnatcaagg	gcataatctg	tgcccagaaa	tcttttggta	480
aataaattng	aaanaaaaaa	cccattttaa	aaaatgaagg	nggaaccatt	cncctttnaaa	540
atcaagcnaa	ttnggcttan	cnttttaaaa	ttaacnccct	gggtttttatt	aacncgggng	600
ggtaaagttt	naaaaaaaaa	aaaaaaaaat	tttttaang	gggaaaaatt	ttnaaaaggc	660
cntttaacaa	ngggggnaaa	ccttaaatec	ttttccantn	aaaaanggnc	ccctaaaaaa	720

```

aaaaanggtt acnttnngtn aaaaataaaa nttttttaac ccccttttcc ttnggggggc 780
cttttttcat tntttaatnc ccccaaaatt tttttttttt tttnaaangg aggggggggg 840
nannnntaat taanaacaat naatttttaa anaaanaacc anggggggtct tttggctttt 900
tgtttgcccc caaaaacttg gggagggtgcc agggggggctt ttttnaaagg ncccccaatt 960
ctttancctt acctggtaga ngggaatccc tttgcttggc cccattctt tttgganana 1020
ggnttggggg aatatttggg cctttt 1046

```

```

<210> 3847
<211> 1021
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1021)
<223> n = A,T,C or G

```

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<400> 3847
tacctgatgg ttgnnttntc ctcttgnct gctcatgtct gcttaactac ctactctanc 60
agcaccagggn agnaggaata atatgtctct ttcataataa actggcttgg aaggccttnt 120
ttgtacatgc aatgttgnan cttcaggtnt ccaaggtgga taatgttggg catnancatc 180
ttgcttttggg gcttgtnttt cnaagactca tatgtatngc cctttnttta ttttnaagnc 240
ntctnantgg cccccaccng nngagttttc ttgaatgctt cnngagaaaa tttcccanaa 300
anancgnctt tnaccncaaa cttccccctt atgggntaac tttancanta aaccccgga 360
ggancnttta attcngcnaa cccantanaa aaanttgntat cntttgggcn ccaaantnnt 420
ttaggttaan ctncaatgta ncnannancc tgtntntnct tgtaaattnn tcaccaagna 480
cnntnttgc nattgnccac gtccentnng gnnnggtccnc tatttttggg tttggttaaa 540
angaagggtc ngntatngc gggccncng naaaantgcc ccanntctt cnannaagna 600
accttgnaca accaannccc ttcttnagna nttnnnnaaa ccanttgcan ttgttcnggc 660
tngctttgta atttncaagn caattctttn gnntaaccce tngttntnn tnncagaana 720
gggaaattcc cgggentcaa ttaaagggtg gcctggcnan gatttnanna aaaannnnaa 780
nnnaaaatna tngnnggctt ttttnaaact tnnnnnggat ggcggattta cnnnagtant 840
nnccnngcat gtnantagnn annacatgtg nnttannttg ggaaccaanc cccacctttn 900
nantggcggtg nnnaaaaaaa tagctttttt cgggnaaatt tgggcaggcc tatgggntta 960
ttgtnttaac atttatngc tcnngattna nnttnnacnc cacnntcgcc tctatttctn 1020
c 1021

```

```

<210> 3848
<211> 898
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(898)
<223> n = A,T,C or G

```

```

<400> 3848
tttggctctg gagtntnate taacttactgn catcttccnc ggncnttggc ngtgcentgt 60
tccatgccgc ngtgaggcta tatgagatgc gccttggagc ngcctggatt tttngnntgt 120
aacacngtgg gctgacttgt gnntctatnn nanatngccg attatacaan cngngntcn 180
ctggncaan actantgntt nagagnnttc ttnaaccnnc nccgctgttn cngctggntc 240
ganengangg ncttgtgtgc agtnactgnt tccentttnc caggnnnnng ccctnganng 300
catactntnn tgctgtcnc agtgtntnng ggancntttn ntcannana ngtctcctg 360
accngnaag gaacatntnt ggantgacat nngngnanc tctngangta tggggaaacc 420
canganngtg gtcaataang ggcctacaa acatgtttng gaaggctcct anggcattng 480

```

```

ggnnaaacat ntncacnnnc tatacaagtg gcttnncaaa gngaaagcgg ttattctnt 540
antaactcnc nnnacnggac ccannantga ccncggcttg nnaccntggn naaccenntc 600
ntngaactac gggecnttaa ngaccaacca nggttggttc ttgccaccat tttcttntgc 660
canccacaaa cctggccttg ggnaaat tttt ncggttgcat tantaaaant gangggggggc 720
tanctgcttt tgggcccctt ttcnaccttn tttntgangt angntttttc ntttttntc 780
necnncantn gataagaata ncntttgggt tgaagttttg ggtnccaaacc nccttcttnt 840
naatttctnn tggaaaaaaa atnnnttntn tttnggcgna aatttgngngn angcttnt 898

```

<210> 3849

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 3849

```

gaagtccaag taagatctca gtggtgacag gtctagctta tttcaagagc tgcacaaaag 60
ccacttaacc tggcaacaaa aagttaatgt gttggttccc tttggtgtat tatattcagt 120
ctattaaagt tttgattgtg atgttttcat tgcagttttt ataccggata aaatgtattt 180
tagaagtaga acttttggag ctgaaatagt ctgcagaatg tagcttgaaa accacggcag 240
tgaactacta agggaaagt ttcagaattca agtctagact tcatcacttc atagctctgt 300
agctttaggg caggttcttt agcctctctt tgtctccgtt tctcctgtg taaagtaggg 360
ataataaaaag tatccatctc actgggatat tttgataatt aactgagtta acccatgtca 420
aacattttaga acagtacctg acacacagta aatgctcaat aaaaattaca tattgntata 480
ttgctgttct agtttataag aacagggtgtc agaatccagt tttgaaatga aagcccagaa 540
ctgtgagaaa tgatggtttt ctctattaga tgttctagga aataaggaaa catcaagaat 600
aatacagcca tgcttagaac aagttaaata tatgtccctc ttggcttttg actttctctg 660
tcacttccgt gctggtcttn ctctttccag nctcttcata ctctaattctc tggctctcagc 720
ttctacttgg actccntnga agggatagaa aaaaaaaaaa aaaaactcga gcctttaaac 780
tataggggtc gnntacgtan ancc 804

```

<210> 3850

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(840)

<223> n = A,T,C or G

<400> 3850

```

ttcctacctg cncctggaatg ccccagagca cctggcctgg ctgaagcagg ctgtgctcgg 60
gttccagctt ccgcagatgg accttccacc cctggggggc ccctggctcc ccgtgtgctc 120
catggttgct cagtaagcct cccagatccc cagctcacgc cagacacagc ctgtntctca 180
gtcccagggtg gagaacctgc tccacagaac ctactgtatg tggagaaca agagtccctc 240
cccagtcocat ggggcaggcc cctcggtcat ggagatccca tgggatgata ttatcgctt 300
gngtatcaac cacaagctga gagactggac gccccccgg cttcctgttc atcagaggcg 360
ctgagtgaan atggtcagat attgtgtgta tttttttaa aacgatttga aaaaatatga 420
tgttcccttg tctgtgggaa aagccangtt gcanacgcan aaggagctac agctgataga 480
gggacgtttg gcaataaaaag cctttttcat ccttctgcaa acaattttcc cataccattg 540
cttcacatnc accggacttg gaagaggagc acagagtgtg cttnagangg gaggattccc 600
agcacannag gatctgattg cgaaggagct tttgctgagg gagctctttg gcgcagtgg 660

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ttntcgagca	ntcttgcttg	ttggggnaaa	gaaagaaaac	caagaggggt	tnaanaatca	720
gccttcacca	atggntgggt	tgaaagaact	caggangcct	tttacgggtt	ttaaactttc	780
cttnccctn	ttntctttc	ctcagacttt	tagnggtntc	tttttcacac	tnttggaacn	840

<210> 3851
 <211> 841
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (841)
 <223> n = A,T,C or G

<400> 3851						
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tcaaatttgt	ataagtgatt	ggctagtgat	tcttgttttc	agaagggaga	gtggtataga	120
tagaaaatga	caaagatggc	aatatacact	taatgttggt	attgtatggt	gttactgaag	180
tacttagatt	tttaaaatct	caaatcctaa	atcacttctt	gtaggagggg	tttcattaac	240
tgcagtatat	acagttcact	acatatgggt	tgtttgagtt	ttttgtgtgc	tgtattttct	300
tctgtttttt	aatacctggg	tttgtacata	tctaaactctg	ttctcttttg	gttggttcaga	360
aactggattt	tttttttctt	aagcagtgtc	taatttggtg	tttttaattt	tgattcanaa	420
gtagtcccag	ctcatagggt	ttcatactgt	tacatccaga	acatttggtc	ggctctctgt	480
cagctttcat	gtacatatgg	tatagaaacc	catggagtta	ggcacttcct	ggattttttt	540
tttatgagaa	aaaatctgta	tttaaaatgt	aaaataaact	tttaaaaaag	canggcnccta	600
atatatatatt	cttnccgcct	ttgattacca	aatttggtccc	ttgcncatgg	ttaaagatga	660
aattatcttc	ctaaaaaata	tcaatgggtc	ttgggggaacc	agggggattg	ttacntttac	720
cataaccaac	nggttnccctg	gcaatggggg	tcatgggtcaa	aaaaattttt	tgggtttttna	780
aacttttntt	atttgnccct	tggcttggtg	gattaagncc	aagnncaaag	ngccgaattn	840
c						841

<210> 3852
 <211> 796
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (796)
 <223> n = A,T,C or G

<400> 3852						
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atactgtgct	gtgacaaata	atataatgaa	gaaattaata	ccaagattgc	tattctgaaa	120
gattaaacat	tctttaatac	ttagatcttt	catctgttta	tgtaacaaac	cctaacatac	180
aggcttaatg	ccttgcagat	attaacttct	ttaacttaat	ccttgtaaca	gtcccatgaa	240
gtaggcttat	tattattaca	ttttccattt	gaggaatata	agacataaag	atattaacta	300
ccttgcccaa	cagctaatta	gtgggtggagc	ctacttttga	actcagacac	tctggctcta	360
gactcttttc	ttttattaac	cactgcacta	tgttacattg	tttttttatt	tttaacttaa	420
gtgtgtttaac	cttgaatttg	aattatgttg	tattagcctg	gtaagtggga	tcacagaaac	480
gtgtccactg	cctagatggg	aagagatcat	ttgtctttca	tctttgcata	cttaacatca	540
aaatataagg	aagaacaaag	gaaatgttaa	tcttttaaaag	cctcaaagta	taactccttt	600
taaaatgcta	atgattctgg	aaaatgggtca	gacctttaac	tgctttagtt	gaacatttta	660
gacaggagct	aataattttta	acaaggatag	caggaatcat	atgtttttatt	tctgactcct	720
gacaaaagctg	aagagttgca	tcttcataag	ggnttcactn	tntgntacac	actagactac	780
ttgcaagggg	tgcccn					796

<210> 3853
 <211> 827
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (827)
 <223> n = A,T,C or G

<400> 3853
 gcatatgtgg gaagtgngtg tcccgctccag gccgtgtgect cgggccacag caactgnnttc 60
 gtgtgctgga gacgcccgaga ccgacaggcg aatggntcga gtgcacctcg atccgagtct 120
 cagcacctag actaattagg atgacctcag agatgctgaa gaggaccttt ggctcagctc 180
 agnctttttg nttttgggtt tttttgagac tgtgtctcac tccgtcaccc aggcctggaga 240
 gcagtgggtg gatctcagct nactgnagcc tnaacctctc agactcaagc tattctccta 300
 cctcagctc ttaactagct gggatcacag acatttgcca ccatgcccgg ctaagntttg 360
 tactttttgt agagacaagg gtttgccatg ttgccaaact ggcttcaact cctgggctca 420
 agtgaatgct gccctcagct ccaaagggtg tgggattaca nccgtgagcc accgcacctg 480
 gccgtttatt ttttaattag ctgnggaatt ttttttcca nataaaatat tataaaattt 540
 attaaaaact ttatttctca aganggggaa cngggaaata ctaattcccc aaatgggtcc 600
 ttttacctct agaggcccaa attttccnca atngaaacnt ttctttcaat ttctgggtact 660
 ttttttggtt ggtttngaga anggaagtct tgntnttgc tncaggctg ggantacaag 720
 ngagcccgag aacatgcccc ctgnattcca nctggggnga caaaancccg acnttttttt 780
 aananaaaaa nangnnnnnn annnnnaacc cgggccttta aaatttt 827

<210> 3854
 <211> 826
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (826)
 <223> n = A,T,C or G

<400> 3854
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 ttctctccag cgcagcaggg cacctctagc ccagaaaaag aaaactgact ttctcttatt 120
 tctgttttct gctgctgcta atctcctcct gaaggggtgt gtggcttctt gggactctgg 180
 aaagaaactg caggggacga ggacaaagga aacagctact gtagtcactg cagctatgca 240
 ggctctgtgc tagccctgga aaggcctgga cgttcangtc tgctgtgccg ggggtaggcc 300
 ccagaacaga gcggtgggcc catcgctctg caccacagct gccagggctc aaaccttgge 360
 tctgccttac ctggcttttg gatcttgggg gatgcacagg aactctgtg cctcaatttt 420
 cttatcttgt aaaatggggc aaatacctac caagtcatag gggatgatga aagtctannt 480
 gagataatgg agggnaattt cttttttttc ttaacttaaa ttttggatcc nttttgggtc 540
 gatntttgta tattgggggg naatttctta naagctngaa agttattnaa tgctgcttat 600
 gagccaaata ctgngccnag ggctcttgtc cagatcattc cagttaatcc caccacaagan 660
 cccaacagcn caaggggttg cttatatatt tgggggngga nggaactggg aaccnaggg 720
 gaagtcacgg gnccttngcc caaagttacc cccgaagttt aagcgtttta aaccaagaaa 780
 tttgaacccc caagccaagc ttgacnant ttggtttgct tnggcn 826

<210> 3855
 <211> 812
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (812)
 <223> n = A,T,C or G

<400> 3855

ctctcatggt	aatgccagtc	atgctcctca	gtcatcagaa	ccagcaaaaa	tactcctcac	60
atgtccttag	atagttgcaa	atgctccaga	gaggggtaat	ggcactgctc	ctacttgaga	120
accactggct	cctgtaactg	cttggccctag	ttctaacttc	taaaatgttc	tcctttcctg	180
agagtataat	gaagagccag	atactttgtg	atctttctat	cattcctctg	gcttcttgga	240
cttccttaat	gattgagctc	agatgctgga	gtcacatcgt	ctggctatga	aatcaagctc	300
tgccatttac	tgggtgtgac	cttgaacaat	tacttaatct	ctccgtacct	cagttttctc	360
agataaaatg	gagataatag	tgacatccac	ttatTTTTgt	gaagatgaaa	tgaataaaag	420
catgtaagct	ggttatcaca	ctgtccactg	gtggaggcat	ggtaattgna	tgaaggggat	480
gacgatgatt	gacnatgacn	atgatgatga	tgatggctcc	caaccttaag	ggcttattcn	540
agccagaact	tgaatttgac	cttaataatg	aatactncaa	aaaacacaga	caggcacatg	600
atntattaga	aaangnagca	actacgngg	gagtcaagta	aatnctaaac	accctctgcc	660
tcaatctgta	tggntttgaa	atgtccttta	nccgtcttga	tttttacata	tctatgaaaa	720
ttttgnggtn	catggggggt	aaacaaaatg	gatgacttaa	gcntttggga	agtaatttca	780
taaacaacct	tgttgatatg	taataaaaaa	cc			812

<210> 3856
 <211> 835
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (835)
 <223> n = A,T,C or G

<400> 3856

ttgctttaca	ttggtgaaaa	aagtcacat	ttcgaagcca	ctcattncat	cggaattggg	60
agggccacca	tcttatagct	gggcttgtga	acctttgact	tttcccagta	tatattggac	120
tattttgate	actgctatat	gcttctagtt	cctcaatcan	natctgccac	agaggaggcc	180
ctctaaatTT	tttgtggaat	tacttaatga	aatgaatgan	tgattattcg	ccttcacagg	240
attgtgtgag	accatataan	gtgtgtagag	cggtttgacc	tcccaccatt	gaaatgctcc	300
ttaccattag	catctaaagt	gattcactag	agaaatgtgt	gtgctctcnt	gacagtctgc	360
ttgttccacc	ttgctggaat	ctaaatccac	gagaatcctg	tgttcatttc	tctctaaaga	420
ataattacga	ccatntaagg	taatagctaa	agaatcnaga	cctgtaagaa	ctcttanacan	480
gtacagtggc	ctgtgcctgn	agteccagct	actcangang	ctaangtggg	aggattgctt	540
gaacccttga	gtttgnggct	gnagtgcct	atgattgtgt	ctgcgaatag	ccactgcatt	600
acagcctggg	caacataagg	gaggaccatg	cctttggaaa	aaacaaacaa	cttnttggga	660
agtctcctaa	ataacctatt	tnaaagaggt	caacaatttt	gcccgggtggg	gttggcgngg	720
taaaggacaa	aaanttgcca	ttnggttttn	atnttttaaa	ggnnnnnaggg	ggngggggnn	780
ngnnnggnnn	nntaaannnn	gggcccnnng	ggcccattna	nttnggnncc	cngtt	835

<210> 3857
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (772)
 <223> n = A,T,C or G

<400> 3857

ggtgnttnnn	cettgaaanc	tttatacanc	tacttggtct	ttttgcagga	tcccatcgat	60
tcgctccaag	gacacagta	ggatccctgt	tggtgacagt	cgaggccgag	ttttcagctg	120
gtctgtgagt	gaccagccag	gccgtttctgc	tgtgatcac	tggtggaagg	atgaagggtg	180
tgacagctgc	tcaggctgct	cggtagaggt	ttcactcaca	gaaagacgac	accattgcag	240
gaactgtggt	cagctcttct	gccagaagtg	cagtcgcttt	caatctgaaa	tcaaacgctt	300
gaaaatctca	tccccgggtc	gtgtttgtca	gaactgttat	tataacttac	agcatgagag	360
agggttcagaa	gatgggcctc	gaaattgttg	aagattcaac	aagctgagtg	gagaccatgg	420
tctgtagacc	ccttcccgat	tctcctgtcc	cagcttgga	ggcattgaaa	acagtctccg	480
tttacacatc	tcttcatacc	acgtgtttga	agtgttaaaa	ttcaaagga	tcattgaata	540
aaacgggtgt	agagtacagg	aatggggcag	acgcgattca	ggtgaacagc	acaagaagaa	600
tatgangtgg	ttcctaggag	caacactttc	gacctncagt	cttctgatg	acagtactgt	660
ctncaagaga	aaaatcctca	cttattaact	ctcttttctt	gcattctatt	ttatagagct	720
actcatcctt	atttggaaaa	accancacca	aaaaaggctt	ttagaaaatg	gt	772

<210> 3858

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (820)

<223> n = A,T,C or G

<400> 3858

ctctggctct	tggaaaagg	cagtgtctct	aaaccaggc	aaacggtaaa	tgtggggcat	60
aggcaagagg	gtcccgggt	ggtggccact	tcccatcat	gtcgtttct	cattttgtgt	120
tttttagtaa	naaaaacaca	gtgtgttctt	ttgccagac	attaatcttt	agaatgcctg	180
tattttctaa	tgttgggatt	tctttcacia	ccaccacct	taatatttcc	attgtgactc	240
agaaaatcag	acttcattcg	attcctttaga	gaactataaa	tactgttgc	agtagagtga	300
agtcttgtct	tatgtaatcc	taattacaga	atgtgttctc	agaagaggta	ggctagacca	360
gagctgggca	gaccacaggc	agaggccaaa	tccagcccc	tgccgatagt	agctaataata	420
agttttacac	ccacttggtc	atgtattttc	cctggctact	tgtgggcagc	aatgccagag	480
tcaagtcac	ataacagaga	cagaatggcc	tgaaagctgg	atttactatt	tcaactttta	540
cattaaaact	tgatgacccc	tgtgctagac	aggcagctca	tttctgcagg	taaaattata	600
ttcatctncc	aactttcatt	ncaaaaattga	acctatatta	ctgaggccca	aaaaannnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnccctn	ngccctttta	720
aaccttttgg	gggncgnttt	ncngaacccc	nccctganaa	aaaaccttgg	tggagttggg	780
ccaanccccc	nctttnaatg	ccngnaaaaa	aattnttttt			820

<210> 3859

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (777)

<223> n = A,T,C or G

<400> 3859

ggtgnttccc	ctttgaaacc	ctttanacaa	gtacttgggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgagg	tgggcaggca	gtgcacctc	attcctgaga	ccatccgggg	120
cagggtcttt	ctgactgaga	cacacgaccc	tgacaccaga	gagaattctg	tattttcccca	180
cccttgccag	ggctgcccc	agagaatccc	atcgggtgag	cccaggaacc	cacaagttct	240

```

gcacccctcg gatgggtagg ctttttgagg gcatgaggta ggcgttacag tgataagata 300
cacagggctc taaaccacag agggcccggt tcaaactctg cctcttctaa gtacaaatta 360
gttgggctttg ggaagtgaag caactttgcc cggggctgca gtttctctgc tgtcaaagtc 420
atgggagagg gtgtgtgaag agttaaaatg tatttagatt tcaactgtagt gtctctctca 480
acatgatctc acactccttt tacagtataa gcaggctgat gtcagaggct gtgactcgcc 540
ctgccaggtc taagaccgtg gggcgtggtc acagggtacta ttttangact cctctnacca 600
caggcactga acttggggct tgcataatata tcacccatt actcctcaga agatactgta 660
acgtaggatc ttttattggc tntattgagg cttaatgcat ccattttang nggtacaatt 720
tgatgagttt tgacaaaagt ntaancttgt aaccacaatn nccganttca tgacact 777

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<210> 3860

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3860

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gnnntnnnc cttgaaacn ttatacanct acttgttctt tttgcaggac ccatcgattc 60
gaattcggca cgaggacaca ttaaaagaga gatatcaaaa aattgggtgac accaaaagga 120
atactcccat tgaagctctc tgtgagaact ttccagagga gatggcaacc taccttcgat 180
atgtcaggcg actggacttc tttgaaaaac ctgattatga gtatttacgg accctcttca 240
cagacctctt tgaaaagaaa ggctacacct ttgactatgc ctatgattgg gttgggagac 300
ctattcctac tccagtaggg tcagttcacg tagattctgg tgcactctga ataactcgag 360
aaagccacac acatagggat cggccatcac aacagcagcc tcttcgaaat cagggtggtta 420
gctcaaccaa tggagagctg aatgttgatg atcccacggg agccactcc aatgcaccaa 480
tcacagctca tgcagaggtg gaggtagtg aggaagctaa gtgctgctgt ttctttaaga 540
ggaaaaggaa gaagactgct cagcgccaca agtgaccagt gccttcagg agtcctcagc 600
cctggggact ctgactcaat tgtacctgca gctcctgcca tttctcattg gaanggactc 660
ctctttgggg gaaggtggat atccaaccaa aaaaaaaaaa aaaactcgag gcctctagaa 720
ctatgtgagt cgtattacgt agatccagac ttgatagatc attgt 765

```

<210> 3861

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3861

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attcgaattc ggcacgagga gagactgtct caaaaaaatc aaaaaaaga aaggggatgt 120
aaaataatcg ctgcaagtta cagtgttttt cattaatgac ttccaaatgt ctacatgta 180
ttgtctcttc ccagtagcat aaacaaagat gcaggagggt gcaatgagtt cctacaggcc 240
ctagagctga cggtaggggt gggaatacag ttcacaccgc gtcttcagct gtgttccttg 300
tggatgacat ccactggaca gccaatgtat aaaaacagtt atcagttcta aagtgttagg 360
acaattacag cttattcaaa gaaaactcaa ttaaggagga gttagtaaag ctagtattgt 420
tcttategtg tgcaatgctg cagtgtcggc tcaactgcaac ctccatgtcc caggetcaaa 480
tgatcctccc gagtagttgg gactacagga atgtgccact atgcttggct aatttttgta 540
tttttttata gagactgggt ttgcccata tgcaccaagc ggtctcaaat tcttggagcc 600

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aagcctggat	ttgcctggct	gccatttctg	ggttttgccc	caattcagtt	ttttatgaca	660
ggcagaccag	tgagtagaat	acagttcttt	ggataaagga	caaactgaag	cactaaaaat	720
ggagagtcac	tttaaagcaa	aaaccagtgg	aaatgtgtac	ttggcttcac	c	771

<210> 3862
 <211> 707
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 3862						
ggtgnttnnc	ctnngaaaacc	tttatacaag	ctacttggtc	tttttgcagg	atcccatcga	60
ttcgggaaaa	ataacatggt	cactttatga	aaggaagaac	caggnaaaaa	taatagaaaa	120
taatgaacat	gagtggagat	atagatgaaa	gctaaataag	cattcactgt	gtcttatcaa	180
gagtgactaa	taagctgaca	gctttatttg	agttctggta	agcaaattaa	tatcatataa	240
atcattacaa	tttgataaaa	gcaaaacctg	ttatcaaatt	taaaaactgt	ttaataattc	300
aacactccag	tggtttgcct	tgtttaagca	aaaggattct	ggccaagata	ttttacttca	360
gctctctgcc	aaagatgaca	attgtcagtg	atttgtccag	aggggggact	taagtctttg	420
gtaaggatcg	ccaacagctg	gaaagtattt	attgcataaa	atatgtccat	gatactttac	480
caacattgta	gagaatgtaa	gctataaata	cagttatatt	acaaagagtt	tacaatctaa	540
aattaaacac	aagaatttac	ggaaaaatca	ccaaaacaaa	ttaaattggaa	atatcatttc	600
acaaggttct	ttaatttttg	gccatatatt	tgataataaa	tacatatgtg	ttntagctat	660
cttactttct	ttcttattct	gatttnacct	nntgtggtcc	cctgctg		707

<210> 3863
 <211> 621
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(621)
 <223> n = A,T,C or G

<400> 3863						
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ananatgcct	gtcnagnenn	caaaggaagg	ttgtnnecgt	ttacgcctat	tggtggaaaa	120
aancccnttn	tngaaggtct	atcctcaaan	ngcnnntngc	gttcncccg	ctggccggtt	180
atncaccnct	ggnaagagg	ganttnattn	naccgctct	tttttanaag	annnnaaagg	240
ttcngcatnn	tggggcnnnn	gnncacactg	gctttgaana	gcnanagctg	agtgacatcc	300
accagatnc	aaaatggtna	catgtcaact	gtggccgaaa	acngggccgc	actgncccat	360
ccgctcttcn	ggagnttgtn	ggccctttat	ncgcacnaaa	ttgcagcctg	ccggatactg	420
tattcacaca	ggctntgagg	ggggagggat	tgtnntcaga	atgcattaag	cgcnttnaat	480
agcctgcntc	ngttgctttg	tcaantggtc	ttnacatgaa	tgcccgtccc	ctgaatatcn	540
ngtaatcacc	tatcnnacct	gggatcgcaa	nncgttaaaa	canaagggca	agtgacggng	600
gtcgtactgn	gnaagagctc	c				621

<210> 3864
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 3864
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 tcgattcgct cagcccccca gtttttatgt ggacatgttt tcatctctct tggatatata 120
 cctaggagtg gaattgcttg gttgtgtggc aattctatgt ttagcattcg aagaaattca 180
 ttgaatggta agctgaaaag tgacgtgggt gaatttctga tttcagaaag atcactgatg 240
 tgatgagaat gaataactct ctggagtgtc aggatgtggg ggcagggagc tagcttagta 300
 tattattgca aaatcttgcc aaagatgagc tgatcaaagt agaggaagca tgaactaaga 360
 ggggagcagc aggagtggaa aagagagata taatgatgtc agtacagagt ttatatattac 420
 agaacttgaa atgcagctca ngagtgggag gagtcanagt gtgccaagcc tacataaatg 480
 agcatgggtg tgcttttgac aaataggag aagcaganag ggggaataaca ttttgtagtt 540
 tcttaatttc taatatgtct tgagataggt ctctaattat atgcagctca attnacagat 600
 gaaagttatt ggtttatcat gcattcatct ttatgaaaag aaaggattcg gccttgcttc 660
 ttccttggtg ccaaagtatt ggncagggtc tgggcacngt ggcttacacc tgtaatnccc 720
 agcgcttttg ggaggctnan gcaggaaaaa tcttggacc ctgggaaggt naaggttcca 780
 ntganccan 790

<210> 3865
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 3865
 ancctttana caagctactt gttcttttttg caggatccca tccgattcga attcggcacg 60
 agagtgacta cttagaagat gctgtcccca ctttcgcccc ctccctctag ttgccccaat 120
 gtcttacctc cccagcttc actcgggcta gtggaggtct tcttagactt ctttcaaggc 180
 ggaggattta gagtctgggg tgaagtggcg gtgatggatg gctggggacg tggggctgct 240
 gactcaatgg tgatacatca agcagttaat taagggacaa gttatcttct aagtgggagg 300
 taaaggattt tctgttcctt tgttcttaat gctcatatta atgccatttt cctcatgga 360
 gacctcaggc tgtgcttaaa acgcttccat aattcctttt ggcactgcta gaggtcagca 420
 ttgtccactc gtgaaggaca caggtaagtc acagacattg gggcttctgg ttgttaaagg 480
 ccaagaatgt gggatgaaaa cccccgtgt ccccatagca agttaggggt tgctcancag 540
 ggctgttttc attcagacaa gcagctcatt ccaaaccagc cccagagagc cgcttcaata 600
 agccattgtc tgcccaagga ggaagaactg ttgtccaagg ctgtggntaa tgcattgacat 660
 tggtagttgt tccaacaagt caaaacttgg ttacagaaaa gcagcantga cnaggatctt 720
 ggaataaatg ctttggaacc angtgccaag gaattttcca cgcattn 766

<210> 3866
 <211> 1154
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1154)
 <223> n = A,T,C or G

<400> 3866

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tgactccta	gctgggttgc	cttaacaagt	ctatttaact	ttttcttagg	gtatttctaa	120
gagagtcca	aatgggaaa	aaaatnctat	ggtggtntgg	aaattttaat	gaataataaa	180
ttcccatctt	aaggttaaaa	ataacccaaa	aaantaacca	cctccgtant	ccattaagan	240
catttttagga	agnaagtttn	cctttanctt	tnggggaaaa	agggtttttc	caattttttc	300
cccttnaaaa	tggganccan	ttccaacctt	gggaaaaaan	ccaaggccca	aggggggttaa	360
nttggaacc	caaggaaagg	gggggttttn	ccccccctt	gggaaccctt	ttttgggaa	420
attaagggnt	tttttttaa	aaaaatttta	aattccctnt	ttaaaaaatt	ttttnaaaat	480
cccccccttc	cctnggggtt	ttccccctt	cctttgggct	cccccttttg	gggggggnc	540
tttttaaatt	tttaaaaagg	gntttttttt	tngggnaaaa	aatttttnaa	aaangggggg	600
gggtttttta	aaannttttt	gggggggaaa	aaaaaaaaaa	aaaaaaaaaa	nnaattttan	660
ttttaaaaa	ccccccagg	gggggggttt	ttttnaaaaa	antttnancc	caaaantttt	720
ccgggntttt	aaaaaaatna	aaaaaaattt	ttcccaatta	aaaaataaat	taaattttnt	780
taaaaatanc	ccnccccctt	taaaaaaaaa	atgggaaaaa	aantttaatt	tanttttccc	840
ccaaaaaaac	cttccaatta	aaanttttna	aagtttnttg	gnaaacccaa	atttttggcc	900
aatttttggg	aanaattttt	taaaaaaatt	naaaaaagcc	ctnaaaaacca	attcggggnc	960
cccccttccc	ctttctttca	aatnaaaatt	naattttcct	ccccgnaaag	gggncccttt	1020
ttcttttccc	tttgganggg	gccttggggg	aagcccncc	caaggncctt	tttggccagc	1080
ccccggnaaa	ggggggtcct	ggcaccctta	nnctnggggt	ttttnccttt	ccccctgggn	1140
nanggggcct	ggna					1154

<210> 3867

<211> 917

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(917)

<223> n = A,T,C or G

<400> 3867

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acgaggatca	caccactcca	ctccagcctg	ggcaacgaag	tgagaccctg	tgtcaaaaga	120
aaagaaaaag	agaaaagaaa	agaaatctga	aggctctgac	aacccttggt	cccccatcct	180
cctatgactt	tgggacctaa	atcagagctg	gcctcttttg	taacaagggt	gtgggcccct	240
ctatttcact	gtantctgnt	ttcattccct	gcagccctcc	ttgatacgaa	agatgccagt	300
gacagggcca	ggcacttgtg	gctcatgcct	gtaatcccaa	ggaggccgag	gcngggcaga	360
ttgcctgagt	tcacgagttc	aaaaccagcc	tgggcaacac	ggtgaaaacc	cccgttctct	420
ttcntttggg	cccctaagat	acaaaaaatt	accaggcatg	ttggtgcatt	gccttgtagg	480
ttcccaacta	ctcggggaag	gcttgaaggc	caaggaanaa	attggccttg	gaaacttcna	540
gggacaacaa	naaggcttgc	caagttggaa	gaacaaagga	atnggggtggc	ccacttggca	600
atttttctta	gccccanggg	gcntttccag	ggaagccnaa	gggaactttc	ttggttcntt	660
cnaaaaaaan	aaaaaaannn	nnnnnnnnnn	nnnggggnc	ccctttnttt	taagnaaaaa	720
ccctttnttt	taagntnggg	aaaggttncc	cgnttaantt	ttnaaccctn	tttaannaaa	780
ttcccccca	ggaaaaccan	tttgggattt	aaaaggga	ttccccctnt	tttgggnatt	840
ggnaaaattt	tttttggggg	naaccnaaaa	aanccccac	ccaaaacctt	ttaggaaaaa	900
ntgggccc	aa					917

<210> 3868

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(847)
 <223> n = A,T,C or G

<400> 3868

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gcacggaggt	gagnaacggn	gaatacgggt	aaaacccttg	gctcatggaa	agcatagcnc	120
aacataaacc	ttttaagcaa	accagcgcag	agttcccgtc	ataagtggcc	accatcttca	180
gaaaccaggg	ctcntgggtg	tntccanaan	tttgccagga	atttatgtta	ctttaaccca	240
ctttggtngg	gggaaaagct	tttgnaaata	gaatcataca	tgcatttggt	ttttaattac	300
agtgcggttg	gccccatnaat	ggggnttaaa	tttatactgg	agcacatggg	cacccatatac	360
tgggggtttc	cctcttgggg	caagggcccc	ccattggcca	anaancagag	tctaaaggaa	420
aatcttgaag	gttgaaaaac	cnttgggggg	aaaggnaaaa	aantcaaaat	tcccagtgagg	480
gaaaaagaag	gaaaaatagg	gangggctta	aaccttgcaa	aaaaattgaa	aaanttgaag	540
gggtttgctt	ggtcnaaata	atcttggaan	ggggccccctt	ttcttgcna	agaagggaagg	600
tgnaacaatg	ggagnacaac	atttcaaatt	aaaccattat	ttggtaaaaa	cnttnccttaa	660
aaagtcaatn	gnccatncca	naaaggtttg	aaatgggagg	ggngngtggt	ttctttccgt	720
tccaacttgg	ggagtctctg	gccaaaaactt	ttttggaagg	ggcnttggtt	tctttttgga	780
aaagnaaatt	aaaaggttnt	tttggaaca	nggncaatt	tggagttnt	ggaatncccc	840
aatttta						847

<210> 3869
 <211> 661
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(661)
 <223> n = A,T,C or G

<400> 3869

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agatgaatgt	ggaactttta	tttttatcca	ttattttcaa	attggatcan	tgctctctcg	120
atctattaga	tctaagacct	aagaggaacc	taccttggtt	tggttagcgg	gtacagactt	180
tcttactaaa	aggnggggtg	atttcctaga	atagcatntt	ctgttgagta	gagatgattn	240
tcaacaatgt	ggctgngtca	cttnncttca	aagtgattat	ngagtgtgaa	agtaagcant	300
tgtaataact	tttaaccact	gtctgtgttc	ttaccagatg	ggaaaacanc	actcgtcttg	360
aaactggaag	ttcccagtc	tgggatgatc	tganaagggt	ttggaaggga	aaaaccctt	420
gtagagata	ttgcagttgc	atcacacacc	agcttgggtg	ctgcctagga	tcanctgctc	480
agtgaanagt	actcttgcta	aaccttacac	caccagact	atgcgatttg	gataagtaat	540
acttatcttg	acctgtgttc	ttttganggg	aaagaatgnc	tattgggtag	gattattgna	600
aatgagatg	agatatactt	ataaagtttt	agcatgatgc	ngcctcta	aatctgcata	660
n						661

<210> 3870
 <211> 803
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(803)
 <223> n = A,T,C or G

<400> 3870

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cacgagagtg	ctgggattac	aggagtgage	cacttaggct	agccctgaaa	tgcttttggt	120
tttgtttgng	ttttttgttt	tttaatgaaa	atacagggac	atggagatgt	ggaaagacac	180
cttgctttat	tactgggtgt	attattatta	ttactacagt	ataattcatg	tatcacaaaa	240
ttcacgattt	ttaagcatac	ctttcagtat	tttttactat	attccaaaaa	gttgcagcca	300
gcagcactac	ctaattccaa	aataattcat	aatgccaaaa	agcatgcctg	cncatttggc	360
tgctactctg	caattccccc	ttcttgcagg	ctctggaccc	aacccccncc	cctttaaaaa	420
aaacttcttt	ctttntgtat	agatgtactt	ggctctggggc	accttcctct	ttatnngaaa	480
aacaaaatgg	gggngttttt	ggggtttggg	ttntcaaaan	aaagggncnn	caannattna	540
anaccctttt	aaacccccggc	cnnnaccctt	tanaaaanttt	nttngggccc	aaaanaaatn	600
tcccccttta	tngggggtaa	cnnccaaatt	tggnnngnnn	taatttccca	atttnaaaaa	660
ccaaagtggg	tttttnnccc	ccnttttttt	anaaaccttn	tttttnntgg	aaaaataaaa	720
nnggccttgg	cntaannna	aaaacaagcc	ttttttggcn	accaattggg	tttttttngg	780
gaggtngggn	aaaccatttt	ttt				803

<210> 3871

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (834)

<223> n = A,T,C or G

<400> 3871

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gcacgagggg	atttgaatgc	ccatgaaata	catttttttt	tacttgaata	tattcttgct	120
tcactttacc	ctccataata	tggtgtncat	tagtgctgat	caagtttaca	gagttacatt	180
ttgctnncc	aaccattcag	gcaggaatta	aaatatggca	ttgttaacaa	ctgggaagaa	240
gctcatagng	gatatnaatt	anagtagata	atgggtcacc	ttgatagcct	ctgnttacat	300
cacttgnata	tgggcaaaat	aattattacc	tatacgtgta	tttaagctta	atttncatat	360
aaacagtntt	ttgaatctat	gctaaaaanag	ataatatcta	aaagngtgat	ctntacgtag	420
tccttagttt	atnagtctgn	actncaaaaa	gattctttaa	taagccccggc	acggaggctc	480
atgccngtaa	tcccaacact	ttgggagggt	gaggcggggc	aatcacctga	ngtcangagt	540
tcgagatcaa	cctggccaac	atggtgaaac	ccngtctcaa	ctaaaaatat	aaaaaatagc	600
cccggccgtg	gngggcangc	acctggaaat	ccccagctac	tcgggaannc	ttgacgccan	660
gaaaaatcac	ttgaaacccc	aaggggcaaa	aagctgggag	ggtaagccca	aaanccgcct	720
tnattnggac	ctcccaancc	taagggggac	aaagaaacgc	gagnacttca	atcttaaaaa	780
ncnnntngnc	anttattgnc	nnaaanggna	atgnngnccc	ggaaaaaaaac	cccc	834

<210> 3872

<211> 970

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (970)

<223> n = A,T,C or G

<400> 3872

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ggagcaaaca	ggagacaaat	tgaaaagctt	caggaggaaa	ggctaggaaa	taagattctt	120
tgggcgagaa	taaggacttt	aaagagattc	cacatattcc	tgggaatctg	aaagaccata	180
cacatgccta	gggctgggca	tgtgcttaaa	aagacttgag	agggccctat	gctgtcacct	240

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ctgcctgacc ttcaggctct gtgcaagcag gaagtgaagg ctaaggcata gttataaact 300
gcatgggtga aggttgaaag gtgtgtccca acacagaaca catctgcaaa tgctacgagg 360
cattttgttg tccaagtgt tcaaagaaat cttttgaatc actactgacc actaagctaa 420
ccaaagactt agtggccaca cctgacaaag aatacaaaact aaaaaactaa aaatgtagtt 480
caagaaaata acaggctggg cacagtggct cacatcggta atnccagcac ttttgggang 540
ctgaagcang tgggatcttc tttgaacca aggacntttn gagaccagcc ttgggcnaca 600
ttggcaaaaa acccccatct tnttgnaaaa aaaatacttt aaaaaaattt tgccaggggg 660
ccctgggttg gcnnccccac ctttantagg ttncccaagc ttnccccca agaaaggcct 720
tttaanggtt gggggaaggg aatccaancc tttgancccc tttgggggan gggtncccca 780
gggccttttt aaattggnag nccccattaa attcccttgg nccatttgg gcanctttcc 840
aaaccccttt aggggnggna ccacccanag ggggganggg naaannaaaa attttttaan 900
tttttccena aaaacntttg gncccnccat tttttttaa aatnaaattt tttttccaaa 960
aaaattggtt

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<210> 3873

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (807)

<223> n = A,T,C or G

<400> 3873

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actgaagctg ccaggcaagt gaggaaccag gagccgtcac tgagtgtggc tgggctacat 60
catagctcat cacggagcta cgactttggg tactgaggac agacctggat agggccagca 120
ttcgttctga agatcacagt tcacagaagc ttttgcttcg taaagataat ccaaaggacc 180
tgagaccgac ttttcctttt ccttccatcc ccttgagagt cagccataaa cggaaatcct 240
gctaggttcc aggaatgagc tcacctaaac gacagcaaat gtgtctggtt agatctcagc 300
agagcccatc ctgcaagacc tggctgancc agatgagagg gtgggcccctg tgctgggggg 360
ccttgggtca cacacaggaa ccaagacctg gcttccaccc cccagtcacc cacttgggtt 420
atctgctgga agttatcgat aggactgtgt ggccaaccaa gtgcttgtga gatcactgac 480
actgcaaaaa caaagcaaac tgctccgggt accaggactt ccttcaacct ggcaangggg 540
gtgcgctgag gcngggcttg cangtgangg ggctgtatgc ttcaggaact aactaaaatg 600
catgcanaag gtaagaggca tgatgggagg tgttcaagca cacaatncca tttgggaggg 660
tattttgata ctgcatgan taagggtaan ggccccatgg aatggggcta anggtgggag 720
tgaacctggg ggtgaataaa ttttaaatca attcaggtaa aaaaaaaaaa aaaaaactcg 780
agccttttaa ctataggggg cgtnttn
807

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<210> 3874

<211> 461

<212> DNA

<213> Homo sapiens

<400> 3874

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tatccatcag ctcttgttct ttttgcagga tcccatcgat tcgaattcgg cagcaggaga 60
aaagctctca ggtaatctgt atggcttata agggaaacct gcagtccttt ctgaaagggg 120
agctgtgaat atgactgctt tgtagaaaga tgtcttagga ttctgggtga aaatttttaa 180
ttccctcat gttagaatgt cacagagtgt acctttttga cttagtattt tccagtataa 240
atacaccttt cttaagaaaa tggctacaaa gtcagatgca tgtaaatgct ttcagcaagg 300
gtttattgat catctgcttt aggctgggct ctatgttagg tgectgtgga ttccattcta 360
gtacctgtgt tctcatagaa ttgaatcctg gtcccccata tgacttttga tgatattcac 420
actgttaatt ccaataaaga cagagtagac aaacagaaac t
461

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<210> 3875

<211> 833
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(833)
 <223> n = A,T,C or G

<400> 3875

cttggtgaag	ttgatgacct	ccaatagctc	ccagtgtcat	gggtacccag	tacgcattag	60
ctgggtgttg	gttgattgag	acctggggca	gttcctgggg	caagaagcca	gatgggagat	120
gagatagaaa	gtgttaggag	ttatcctctt	tgccctggcct	ttgagaataa	cttactgtgt	180
gactttgggc	aagttccttc	cccactctgg	gcctcagttt	ctcacttggg	aaagcaagga	240
gtttgaccag	atgatcacia	tgggccttcc	tagctctggc	caccaagaat	ttgtgaacat	300
tagagctcct	ggtctgggtg	gtagagccag	agctgctgac	tggtctctct	gcctccagag	360
gggattttatt	ggacctcana	ggtggcaggg	ccctatggag	caccaactgc	cctcaacccc	420
accctgtgcc	caagactggg	aagggattga	tgtcaggctg	tggccatagg	tagcatgagt	480
tgcccaagga	gggacagagc	atatctttgc	tgangcttgg	ctgangggct	tatgatangg	540
cttgacgtac	ctcacaancc	cctgtgggca	caagacaccc	tgaggtttac	ccaggccaaa	600
tatatattgat	tagcagggaa	aaaaaaaaaa	aaaaaaaaaa	tcgaaccttn	tanaactata	660
agtgagtcgt	attacgtaan	atccngacnt	tgaataagaa	tccattgggt	gangttttgg	720
acaaaccncn	aacttnngaa	tgcccgtggn	aaaaaaaaat	cntttatttg	ggnaaattgg	780
ggaagcctat	tggcttttnt	ttgtaacat	tttaanctgc	aattaaacan	nta	833

<210> 3876
 <211> 833
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(833)
 <223> n = A,T,C or G

<400> 3876

gtttgtgggt	gaatggtttc	acaccagagt	gggatcctct	attgcatgta	ctcgactagc	60
ttttcattct	tatcacactt	cccttcctat	aaagttagct	atcttttaaa	gggaaattta	120
ataccacact	tcgctttctg	tgcgcccttg	tgaaaatcag	gcaataacaa	ggacagcctt	180
attgccagtg	tatgaccaga	gcatctagat	ggcactacta	gtggaatgtc	atcttgtcta	240
ccattcatte	attcattcat	gattttctct	accanacagt	tttggaactc	ctagaatggg	300
tcagggtgta	ggcaggcatt	gggaaaacaa	ggttttaagc	cattgtccaa	atcctcaaag	360
aactcaccat	tttggtcgag	gggccatggt	gagaggtgta	tagaaciaag	taagaaatgc	420
tgtangagca	gagagagaga	aagaggccca	gagagcacag	tggcagagta	catctcatcc	480
agagaaaacag	catcctgcat	cctccagagt	cctggttcct	tcagtttcat	nccctttctt	540
cttcttccat	ggattatgta	atacattgta	aaggttttaa	ttaattaaaa	aattgaaaaa	600
anncnaancn	nnnnntnnnn	nnnngnnnnn	tnnnnnnnng	ngnnnnnnnn	tnnnnnnncc	660
nnnnnnnnnn	tnaanntttt	nnnnntnnnn	aaaaannnaa	aancnaaagg	nnnnnnnnnn	720
ngnnnttnga	cnnnngnnna	aantnanaaa	nnnnnnngaaa	aaaaanaaan	nanntnnnaa	780
tnnnnaaann	ngnnnnnnnt	nnncnncn	nnaannnnnn	ggaantnnaa	nan	833

<210> 3877
 <211> 1213
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1213)
 <223> n = A,T,C or G

<400> 3877

cctttnaang	gggntttttt	tttttggggg	tttaaaaaaa	aaaaaattn	ccnnaaagg	60
ccccnttng	ggggggggg	aaaaatttt	tttttcccc	ttttttccc	ccccctttt	120
ttttttttt	taaaanttt	tttttcccn	aaatttttt	ccccttttt	ttttttaaaa	180
aaaaaaaaa	aaaaaat	tttttnaaa	ttttttttt	tttaaaaaa	gggggggta	240
aaggggtta	anccccaat	tgggtttta	nggggtttt	nggggggaa	aaaggga	300
aaaccctta	nccctttaan	ttttnaana	aaaaaaacc	ccaaaantn	antttaatt	360
gggttnggg	gggggaaaa	aaaaccctt	ttccccagg	gccccccct	tccttgggg	420
gttnaaaaa	ttngggtgg	gtgggtccct	tccaaaaaa	tttttgggn	tccttgggg	480
aaaaaaag	aaaangggg	gggggaaaa	ggtcctaag	gaaacccga	cttttttca	540
acctgggcn	attnccatat	acccaatgg	ttaaaactt	ggattcttat	gacatatcc	600
tatgaaaata	ataaatactg	gccttttcc	tgcagaaag	ctcagacctg	aatcagagaa	660
aatcatatgc	caaagccaac	tgccagtgt	agacctctt	ttncataaag	agtaaatggg	720
aatgctaaca	ctagtgggt	tattgagaa	atttaaagg	tgctgtagt	tttagaact	780
aggctggaa	accatattt	agtgcacat	tttactacat	gatcttccaa	ttagatagct	840
tgtaatctg	tccttacag	acttgctgt	ggtacatgt	aagattttat	aaattttaag	900
gaaaggtgt	tatgatatat	agtgaaggt	gtgggaaaag	aatatagaaa	ataatattca	960
cttctnaaac	cattatgata	aaaatattt	tgtatnggat	taagaataga	aaggggatta	1020
tnggatggta	tctatttcaa	tttctcagnt	tatgggtngg	gccttncctt	ttttggaaag	1080
gtacccctgg	gttattgcct	attggaataa	aatggatatn	aatggggtaa	aaaantntt	1140
caaaaggnc	cnaaaaatgg	aaaatnccaa	aggaatttcc	cttcnttttg	gacctanttt	1200
taagggnaaa	aga					1213

<210> 3878
 <211> 972
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(972)
 <223> n = A,T,C or G

<400> 3878

tccaccctga	ctcagccttg	gtgcagagtg	agactctgtc	tcaaaaaaa	aaaaaggaat	60
cagtttgggt	cttggcagaa	atcaacataa	gggaatntga	caagaacccc	agtaggtaac	120
cctgagtgt	caaggtecg	gcctgtgggt	ctcttttacg	gcttcatgaa	aaggaccgtg	180
ccctcacngg	aggggggnacc	caccggcttt	gggctttgtg	gggggtctta	aggtgnatgg	240
cttgcccttc	ttttnttca	ntcaacccac	accccaagct	ttttttggct	tgggcacttt	300
nangggggaa	agaagaagcc	ancccaaaat	ggagnaagaa	ttttaaccct	tttttaatct	360
tcccccaacc	ggaagccgaa	aaaatgggtt	ttcccccttg	gtttncana	agnangggaa	420
agttaaccca	ntccccnttt	antgcctttg	gaacctnggg	gggggtttcc	ttttttgggt	480
nggggtgggt	tttgggtttt	tttncttttt	caaatttggg	naaattnctt	ggtaattttt	540
aaaaaatggt	ttattgggtc	agccttggaa	caccattggg	gnacaacntc	cttgaaaaaa	600
ggtngacttg	ggcccccccc	ccctgtttt	gggcccgtga	agttttccgn	accacnggn	660
cttnaaaaag	tggtcccttc	ttgctttcgt	ctntttgttt	cncttgcttt	tgtaaaaact	720
ttnggtccca	agcttgaana	cattggcttt	gtaaaaacgt	ngaagagtc	atnccnaang	780
gggggttatt	gtcanaaana	acttgnccn	tgccctttan	ccgaangcag	tcnaatcntg	840
ccagttggat	ttttcttact	ggnggaatga	caagaaacag	ggattnatnt	tgncttgcg	900
ganaattttc	cgggagtgn	tntttaatat	tttnagaccc	gattctttga	catnttantt	960
gactccaaaa	na					972

<210> 3879
 <211> 884
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(884)
 <223> n = A,T,C or G

<400> 3879

gggtaaatatt	ttgttttata	acagtgattc	agtatatctg	aattatggat	tatatggcca	60
tagaactaca	agcaaaaagg	atacaciaaac	aaattttgta	gttaagacaa	atctgttgcc	120
taagatcaag	aaatgtaata	gatggaggcc	atgtagaggt	tagaaattca	aagaaatcga	180
ggtaaaaaac	tggccaatca	taacggcata	gggattagtt	cctaaatttg	gtcacttgag	240
aataacagtg	tgaatagagt	ggagtggaa	atgtgactgg	tgttgtttct	aaaaatgtag	300
aattgtcctc	ttagttgggg	tctaggtagt	ttttgagagg	tgaatataga	cactaacttt	360
ttgtttttaca	actgaaatca	aattgattgg	taatttgcaa	caaaatattt	tttgaccccn	420
ccattttatat	cttaccatgt	atattatttt	cactnggntg	ataaagccta	tgactacctc	480
gtcagaatac	atcatttgct	aataaatttag	ggtttactgg	tactgntgga	aataaaccgt	540
ggcattctac	cctccgagaa	tcctgttcag	gtggctgcac	cctttcaaaa	tccantgggc	600
gtttggccat	ttgnaancct	tgtntttttt	ccgggggaaa	ccaccanggg	tcaagtttan	660
ttanggcctt	ggcccagtta	aggcctggac	cgtnttttcc	ccaattttgc	ttggntttgg	720
aaatggaatn	gggttttcat	ttaattnaaa	gaaanttgct	tgttttgggg	ccccatgggt	780
gtggaaaaag	naattcnntg	aaattggggc	ggttttgaat	tanttttaaa	tcnttantcc	840
ttaagaaaaa	aaattttnga	ancnttttng	ggggccnttg	tccn		884

<210> 3880
 <211> 998
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(998)
 <223> n = A,T,C or G

<400> 3880

aanaaaatta	angngaanc	tttaaaant	gggcccttgg	gancccaatt	tnacccaatt	60
ttttaanccc	cccaatttgg	gaaatttaaa	aaggggttnc	aaaggaaaaa	atttancctt	120
tggggggaaa	ngggggccca	aaaaaaaaaa	agggaaaaaa	ggaacccttc	ctttgggttt	180
anggnntncc	tttttcccc	aaggggggga	aggggggggg	gggggggaaa	aaaaatttgg	240
gttccaaccc	aagggaaccc	anggggggaa	tcccaagggg	gaagggttcc	aatttgggaa	300
ttgggaaccc	cttccaaggc	ccaaggccca	ccttttcttt	gggggaaaag	gccccaaaaa	360
cccaaattgg	aaggggccaa	ggtttttttc	ttttcaaaaa	ggggtattga	aaaagaaaaa	420
aataaattac	ttggatgcca	gccttttctt	ttttaaccaa	acaatgaatg	aagtgtgaag	480
atggaatcaa	gataagttca	gaaatgcatg	actttaatac	atgctaatag	tggagatggg	540
gcttaaaacta	aaaacagaag	tcatgtgatc	caggacgcac	aatcctctgg	ctgatggtag	600
aatttgatct	gaaataggag	acatgctgtg	aaaccagtct	aggatggaac	agatcaggag	660
ggttctgggtg	agagtcttct	tcaagaagat	gatccgcaga	atacccat	gaatgtggta	720
aaaggagtta	ttaacagctg	agagaataaa	tctaactcag	gggaaataga	agtggtaatg	780
tatgataagg	tactctgaa	tatgatatat	ataatcatgt	tatgtaacat	tgaatattga	840
tctacccaaa	ttatagtgat	cttgagaaaa	gaatagagat	tctacagagt	taatttctct	900
tctttgggga	agtctcngat	actctaaacc	aaaatcatga	tatgtngacc	tgtcagaata	960
tgccaaagat	actaatgntg	agtgtgcatg	gaatactg			998

<210> 3881
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 3881

tgtccctaaa	acttaagtta	ataaaaaata	ataaataaat	aaaaataaaa	aaataaaaaac	60
acattntaaa	gggggcaatc	cagatggcca	gtaaaccatt	gtaatagcca	gaaattggaa	120
acatatattc	attgacaaca	tttaagatta	taatatagtc	atataatagt	cctgatataa	180
caatggaaat	aaattacagc	tacacacaac	ataatggata	agtccttaaaa	agccacatgt	240
acagaataca	taccatgtga	ttctacttct	gtgaagtcaa	gaacagacaa	aactgaaata	300
ctcatgtaag	gatgcacact	aaggtagtaa	aactataaag	cagagcaaga	gagttattac	360
tataaaaagct	ctgtcgaggg	acaggagttg	caattaggaa	tatacaggga	attctgtggt	420
gctgagagga	tttgttgatc	tgggtgatgg	ttacccangt	gtttattcac	tttgcaaatg	480
attaagttgt	atatatgttt	tacttaagtg	gtatatattca	tagttttaaa	aggttttaaaa	540
aatntagaga	atacagcctg	ggcatgggtg	ctaaccctg	taatcccaca	ctttggaagg	600
ccaagacagg	aggccgagtt	caggagttca	agaaccgnct	gggcaacatg	gcaaaaacct	660
catcttntgc	aaaaattttt	ttaaaaaatt	taaccccggc	ctggggggca	tgtgcttttg	720
natagtnccc	agnccccttg	ggaagcttaa	ggtngggagg	atnaccttta	acccccggag	780
gccaaagggt	gcantggatc	ccccaatgga	tgcnccttct			820

<210> 3882
 <211> 833
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(833)
 <223> n = A,T,C or G

<400> 3882

catttatatg	agcaaaccac	gttttacata	acatgctttt	ggtaggtatt	atgacttttt	60
acattttctac	ttggatttcc	tcttcagatc	tcagtttcca	caaactctgca	tccaggttca	120
gggcctctga	ttctgcacaa	atcatatgag	ccaagtggat	tgattactag	acagatcaga	180
tccttcccca	gctaataact	ctgccttctg	attccagtc	tcaaaataaa	ttgcagcctg	240
ccattttctt	tatgttttat	aaggaggagg	tgaccacctt	ttgtcagttt	gcttagtttc	300
ctattctttg	ggctcatctc	ccatcttttt	tgggtagtct	tgctaggagt	ggttgggaac	360
tctgaagccc	cattttccca	agttgctgag	agctatcaga	cttttagctg	caggctaaga	420
gctctgttgc	aggcctagt	attggcatta	aaagtagggc	cangaaatct	gtcctcatcc	480
tcaaatgaga	ccaacagata	tgtattaaag	tggagctgga	gtttgtcctt	ccacccgaga	540
ctaccaaggg	cctttgatgc	ttaatgggaa	tgtgtgtcta	acttgcctt	ctgacattta	600
gcccgatgaa	aataaaatat	tntatctgtt	taagtcnttt	ccnaanaaaa	ananncaatn	660
ttntnnnnng	cnngngngan	ggagnnnnng	ggtntnnntt	nctannncnn	gnnnnnnnnn	720
cnannccnnn	nggcncccc	nnncannntt	nnnnntgnnt	ttaaanaagn	cnccnattgg	780
nttnnnnnan	nnnnnnnnng	gnnanannnn	nnccccngg	ccnnttnggg	nan	833

<210> 3883
 <211> 863
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(863)
 <223> n = A,T,C or G

<400> 3883

ggacctggct	gcctgctctg	acaggtacct	gtcatctgcc	cacctgggc	ttctgggacc	60
tgctgtagcc	cctgccaccc	actgctgcag	acccacccac	tctcagetta	gctcaaaagc	120
tgttctctaa	ctcattnctg	acnaatagct	gnangngttn	ccatgantng	cnnttnatnc	180
aactctggna	aagagggatt	taatttnann	gncncttttt	nacangatnn	aatatgttnn	240
gcnttatggg	gnnnnntttc	acantgggtt	tgaanagaca	naagctagan	tncatcntaa	300
naccagatn	nanatgnggn	natttgcaga	gctngtnncc	gaatatcggg	tgccgtcaac	360
tgattangat	tacanttggt	acngtgcagc	cttgggnatat	nggccanntt	ttaatntngc	420
caaccnatat	acnttgncaa	agccttngt	ccgggntatt	aacttgggna	ncncngcann	480
agnnacngnt	tnncatggan	tntgggcaaa	gcnggacttn	gtttnaatan	nceaanggan	540
ataatgggna	atttttaaang	annntccctt	tngtganana	antccaaggc	tccattgttc	600
tgcccggttt	tttncnattt	ngtatcccaa	aatgttggtg	anncttttaa	naaaccaant	660
ggggaaattn	gaaccnctt	ttccanctct	tgggtgaatat	tnttnnantg	gtttaaaatc	720
ccanttccta	aatcnnaaat	anccctggg	gggnatncng	aaaaagggcg	ntttgaaaaa	780
aaanngaaaa	naagggggna	caatagtgtg	aaagggnggt	ttttcnant	tnaatttgga	840
aaggtntntn	tanggcaacc	cct				863

<210> 3884
 <211> 904
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(904)
 <223> n = A,T,C or G

<400> 3884

taggncgttt	gtatncaaat	ggtggtaggc	ccggcctatc	cactgncaca	aagcgggcaa	60
tgccccctca	agaaccaaga	tgatatcacc	ctccatcaag	acagctcgga	aaagtataaag	120
ggcatcaggg	gctggaggat	aaaatgatta	tgataaccca	ntgggtggatg	tttgnttata	180
tcaagtcaac	ccagtattaa	aggcctgcct	gatatacaac	cctcgaatgc	aacacagtgt	240
ccttctgagg	ccactctaaa	ggccangaaa	ggtttgctaa	gaagtctgtg	ctgttaaaac	300
agaagaaaaa	gaccttatcc	attntctgtg	ctgggtggtat	agggtagatt	cataaaaaag	360
aaggcaaaat	atttcaaaat	gatcaagaaa	tntgcaagat	gcaagacaga	gtctcaagac	420
agtgccagga	caggatagca	ctcataacat	ataacactgt	gtantgctgt	tgagtgtctg	480
ctggtgttga	gtgctancta	ttggttgagt	gctttgttgt	tgagtgtctaa	cttgcttgag	540
tgctanctgt	tggtgantgg	cttggttggt	tgantgctaa	ctgggtggtg	aatgccttgg	600
ttgggtgaat	gcctaacctg	ggttggtgan	tggaattggt	tggttgaagt	tgcccttaacc	660
ttgggtgggt	tggaatggcc	taanccttgg	ttgggttgga	aangcctttg	gtttgggttg	720
naaatnggcc	ttaanccttg	gtttgggttg	gaaatggcct	ttgggtccct	tggtccctng	780
ggggccccct	gggttttttt	ttaaagcccc	ttttgggatg	ggtacccaan	ttttcccttn	840
cccanttttt	aaaccctttt	cccccccaaa	ataaaacccc	cccttatntt	aangggggccc	900
ggcn						904

<210> 3885
 <211> 911
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
<222> (1)...(911)
<223> n = A,T,C or G

<400> 3885

atateccacgt	ctcagtcggt	ggatgggtaa	tgggatgccc	gcttccccta	ctccagatga	60
ttgatgaaga	aatggaggtg	tatggagatg	agggtgacttg	cccaggatca	gagctttaag	120
tgacagaggc	aatattggaa	ctgaggtttc	cctcattcaa	aagccagtgg	tgcttgtttg	180
cactgccaca	ctggagcaga	ctaactgaga	ccgctcttga	tgggtccttt	tctacgagag	240
gctttgcctg	ccacctgcca	gcacaggtg	atcagaagat	gtggtatgaa	gaccattcag	300
cccgggcgca	gtggctcatg	cctgtaatcc	tagcactttg	ggaggccagg	gcgggtggat	360
cacgaggtca	ggagatcgag	accatcctgg	ctaacacggt	gaaaccctgt	cttctattta	420
aaaaaaaaaa	caaaaaacca	aatactcagg	gaaatagccc	ttcagnttnc	ttcaccact	480
tcagaaaaaa	tagggaaaag	gaaaagaaca	gggattggga	aaaaggaaaa	aaagnaaaaa	540
nggganggga	tccgctttta	agcccttang	gagggtttta	aagaattaag	ttcttggggg	600
ccaaatanta	agtnngagga	anccctggg	ccttctttan	ttttaaaaaa	annnnnnnnn	660
nnnnnnnnnn	nnnnnnnncc	tttcgaagcc	ccttttttaa	aaacttttta	gggggggggtc	720
cgtantttac	cgtningaatt	ccccgnacct	tggntaagga	tnccnttggt	tgaagttnng	780
gaccaanccc	caacttgaat	gcggtggaaa	aaaaatcntt	atttgngnaa	attgggagct	840
nttgcttttt	tgnaaccttt	ttagntgcat	taacaagtta	ccaccacat	tgcttcnttt	900
ntgttaggtc	g					911

<210> 3886
<211> 819
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
<222> (1)...(819)
<223> n = A,T,C or G

<400> 3886

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atattaaggg	atctgaantn	tccatcataa	atgaacatgg	tacttaccaa	atatcttctg	120
ataantcatt	cagtgtcag	gntctatgtt	tnttcctctg	tccaagagtg	aacaaactac	180
acatnaccaa	aatattgtaa	ggctaagnaa	taataacggt	gactgnnaaa	atgggaaatg	240
agatagcgtc	aaacgtttgt	gacaaataaa	agcagtcacn	gtaaacactg	gncctttncan	300
ccccatnaat	gatgactttg	tncccaactt	gnattcccaa	cngcatcnca	aanagtaaaa	360
ngagtccat	ggganataaa	acatcatttt	tatcacaagc	ttataacggg	tnattttttt	420
ctgactntgn	gttgagggt	aanngggctt	gctnatattg	catgcagcan	ngaacttacc	480
cgnecatattg	atgcctccct	ctatgctagt	ggctctcncc	tttatggccc	anggatcana	540
ntcatggaaa	gacaggtatc	cctgngggaa	ggtttnggga	tgaaantggt	tcaccttaaa	600
tcatcaggca	ttaaaattct	cataaggcat	gtgcaancta	aatctnttna	catgtgcagt	660
tnacaaggaa	nggggtggca	cttcctctga	aaaatcta	gcctccctgg	tctgccagga	720
aggtacaact	tggnttgga	angnttgnnt	tggctcncng	tccacatcct	ggtgngccgg	780
ngnggntncc	canaaggccn	ccggtcggt	ncaattan			819

<210> 3887
<211> 771
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
<222> (1)...(771)

<223> n = A,T,C or G

<400> 3887

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cctcccatag aaattcggct gatttcccc ttggctagcc cagctgacgg agtcaagagc      180
aaaccaagaa aaactacaga agtgacagga acaggtcttg gaaggaacag aaagaaactg      240
tcttctctatc caaagcaaatt tttacgcaga aaaatgctgt aatttcttgg gaagatttta      300
atgtacacct atttgtaaag tcatcagaat agtgtggatt attaaatata tagtttggaa      360
gaaaataatt tatataaatt attgnaaatt tttatgtaaa cagaangtct tcaataagta      420
aagtaactcc atatggagtg attgtttcag tccaggcaat ttttctattt tatattaaga      480
cttcatacat ttatatatgt aaatatggct tattaatgga atgttaaata aaatgtatac      540
ttcaaaaaaaa aaaaaaaaaa aaaaaactcg agcctntaaa actatagtga gtcgttttcc      600
gtagatccaa ctgataagat acattgatga gtttggacaa ccacactnga atgcagtga      660
aaaaagctta tttngaattg tgatgctatg cttattggac catttagctg cataaacagt      720
tacacacatg cttcnttatg tcagtcaggg gngggggagg ttttatccgc c      771

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<210> 3888

<211> 1232

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1232)

<223> n = A,T,C or G

<400> 3888

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attcattngt tcatttcaat cangaaatat ctgttttagca caaacatatg atattttattt      180
atctaaagtg ggaaaaagaa atattnggna tntcttcaag tggnttgggt nncctggctt      240
ccctggagga atttttaaaa aaccgatnnc caaacattt ttttttcca ccnagnccaa      300
gggttttggg nttggcatta ttggttattn caaaaaaagg gttcncctta aaaagggaacc      360
accaaccccc tttttttaac cccccggttc caaaattttc ctttacnaag ggtccggaan      420
gtaccaatnt ntttttctt tnaaaaaaaa naaaaaanaaa aaagggaaaa ttgggtgggt      480
tttaaccana ccaaatgggt ttttaagtaa aaaaaatttt ttttaanccc ccancceaaa      540
aaagngttgg gttggnccca ntcccccca naaanggggg ggggnanattt ttttnnaaa      600
aantttttt ttnnnnnnnn nngggggggg ggggggcaaa aaaaaatttt gggggaaaaa      660
aaccaanggg ggccanaaaa atgggggttc ntnaaaaaat tttaancccc nggggggggg      720
ggaaaccccc caatttggaa aatttanttt ccaaaacgtt caaaaaaaa tttaaaattg      780
gngggtnaaa ttaaaccctt ttttngggga aatngggggg cnttttaaaa aaaattaaac      840
cctttaaacc cttngggngg aatttcccaa nttaaaaaa attancccca attttngggg      900
naaaatttgg gggnaanttt tgggaacct taantttttt tnttttttgg gaanccattt      960
gggcccgnaa aaaaaaata atttttccca aaaaaacca anttaacc aaagcttttt      1020
ttaaaaaaaa aaattggggg gccnttnttg gaaaaaacca aantnggttg ggctancccn      1080
gggttggccc acccancccc aaangggggg ccccttnggg ggggtttttt ttcttnaaaa      1140
ngggnaaaaa atcctttttt ggagggccaa anccggggga ancccaaaaa anaaagggtt      1200
ccccnacntt taccaagggn nnaattgtgn tt      1232

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<210> 3889

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(835)
 <223> n = A,T,C or G

<400> 3889
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 tggcaggggg acaataaata gagttgatga aagatgggct tgggcagcag tgggccaag 180
 tgaggcagaa atgagaaaag gactcctggg gcagaggtgg agtgacaaag ccttgagcac 240
 gaggggtgtga aatgtgaact tgggtgctgac ctctattggg cagccggggc accacggagg 300
 tggatgtggg gtcagtgaga ccagtgaagta atttttagcag agatacttta gggatgactt 360
 ggggagggca gcanctttt ttaaaatata tatacttccc aaaataacat tgcttcagag 420
 tagtttccta actgccctgg gacaggcctg agatcctgtc ccagggtact tggggggcac 480
 atcctgtctt agggagaggt attcacctnc ccattcccat cccagtcct ggctgctttt 540
 cctaaatgca tcatttatcc cccacattgc ccattctaa cccatatcac ctctttagag 600
 ataccttncc cttcattgag ggagcatncc tnttataacc attaaacttc atattctggc 660
 tgggtttctt ttaaaagcac ttgtgnaaaa tttnggaagt antttaattt gggtaaaaacc 720
 ttcattggcc tcttttcctt ccatttaaaa agngaaacct nccttgaaaa acaaggggac 780
 cgggggggga ntctaant aattcacctc ttggattccc ttaancccc taaac 835

<210> 3890
 <211> 880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(880)
 <223> n = A,T,C or G

<400> 3890
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 nggtcagaga aagtctttct tgaggagctg tgtgaggggtt tgttcctatc taaaggcnca 120
 gaggagattc agggccattg aagatgagaa aacnctcctg gacnacnttc ccactttttt 180
 tgtaggacac tgttttgtna aaatttacat atatggctaa atagtctgaa actatggntt 240
 cantggaanc aaccgggtatg tgcccatgga agagttttcc caggaaaaga aaataattca 300
 ttacagnntt nctggcnctc tgaaaaggga ccaggagctg ggaactgctg aaggctaagc 360
 tgctgctatc tgtggnetca aatggagagc cgctatgaaa atgctgcttg caagggggcac 420
 attatataat tctatggggg gatatcccta attttagaat ggaatgaacc taaactcttt 480
 tctggantat gtttttggat ttagcccca aaatgcctg gggangngng anggaccccc 540
 ttaacttaac agcccatttg gentgggtct ttggggcatt tggccngcca gaaganggaa 600
 ccagccctt tttaccttcc atctgaacct gggntggcct ttttttttta aaggnnaaat 660
 nnnnnngnna naaannnnna aaaccttggg nccttttana actttagnng ngtcctgtnt 720
 tncgtaanat nccacacttg gataagnntn cctttgatgg aggtttgggn ccaaaccccc 780
 cccttggnaa tgccngtggn aaaaaaang cctttntttg ggggnaaatt tgggggagcc 840
 ttttggcttt attttgggaa ccntttntta ggctggccan 880

<210> 3891
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(808)
 <223> n = A,T,C or G

<400> 3891

tcatagtctta	aaactatcac	gtctgagttg	ccttaggatg	acagtgtctga	cacccagtag	60
gaagtatccc	atttttatca	ggaaagtcag	tcacgcgtag	ggatgggtgag	gagacgcgta	120
tggatgggtga	ggagggggaga	ggaggggagac	ctgctgggtgc	ccttgcacca	gggtgaggcc	180
tgactcacgc	tgttccccc	cacaggccct	gctntgcttg	cctgcttttt	ccagaatcga	240
ttttgcaagc	ttcaagatc	tgttccccc	ttcgcacaag	tgaggaaggc	aaatactcag	300
ggtttgaang	gagacctgcc	ggcctgaggg	ctggcaaatg	tgagggcagg	acacctggga	360
tggactcgta	ggctgaccca	ggcccaagg	gggctgcctg	ttcccaactc	tttcaactctg	420
taacccattt	taaaatgagt	ttttgaatct	tgcctcaaat	tgacctactt	ggataaaatc	480
agtgtctttc	ctaacttgat	tttgtttgac	gtggttccct	ctaagaaaat	ggtaggaatt	540
gaaactattt	gnatatgttg	aaattttag	gggttcanga	cccatggcag	aaacacttaa	600
actattttat	tacagtatga	ctattttttt	tcaaagtnng	caattctttt	gtatatttta	660
aggcaataaa	tcactttacc	ttttggtgcc	ttncatgcgt	cgcantaagc	actcttgtea	720
atcatggnaa	ttgggaaaaa	aagatgtcca	tttagttaa	caagaaaaca	ctattttgta	780
ncatgaattt	agaatggggn	ccttttaa				808

<210> 3892

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(814)

<223> n = A,T,C or G

<400> 3892

gaatgtcttt	gcttgaacac	cccagtcac	accttcgtgg	ggcatgatga	tgtgggtcctg	60
gagttccagt	ggaggaagca	gaaggaaggt	gagtgaggaga	ggcctgctgc	ccactttcct	120
tctgagctct	ggtgacagcg	gtgccagtca	gtgttgccat	ggagtccagt	aaagaagaca	180
tagagagagc	tgggcttttag	gaaccagaga	gccagggtcg	ttgccacctt	tcgtcatang	240
tgagtaaagg	gactatatag	gctgctgtta	ctcttccaaa	ttctgtcctc	ttccacaatt	300
gtcagcgtag	tctctcttgc	ttggaagaga	tatgctccag	taagagacgg	aagatagaga	360
tttgcgttg	gattgtttct	gggactgaaa	gactctgggc	tcacaagtc	agggcatttg	420
ccccttgcca	ctctgttgat	ganggagacc	caagggtggtc	tttagtactg	cctactacat	480
accctcagtt	gtcttcacaa	gcatgtagtg	ctctgtctca	aaaaaaaaaa	aaaaaaaaaa	540
ctcgagcctc	taaactatat	gagtcgtatt	acgtagatcc	ngacatgata	agatacattg	600
atgagtttgg	gacaaaccac	aactagaatg	cagtggaaaa	aaanctttat	ttngnaaaat	660
tggggatgct	attgctttat	ttgtaaccat	tataagcctg	caataaacia	gttaaccacc	720
accaattgcc	ttcatttttt	tgtttcangt	tcagggggga	ngggngggga	gggttttttaa	780
ttccnggccg	gggggcccac	gcatttgggc	cccg			814

<210> 3893

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 3893

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aaagaaagga	cctatgaact	caacttttagt	tacagcaaag	aatgagtag	gagacggagg	120
gaatggccag	cagccattga	agagggagag	caggctgggc	ccaaggggga	ccagtagttg	180

gcagaaagga	aagctcaggg	tgtcaagtgg	gcctgagaag	ggatcatctg	gctgaacaag	240
agaggtccac	atgtagctct	cagcacacac	ttgtgcattc	cagcttcagc	atttgetcac	300
acgagttccc	cgcctaaaat	gcctgacatt	ctccctctct	acttaactca	tgtaataaat	360
ttttactgaa	tgctgtgaag	tgccagcttt	ctgaacagag	ttgggtcacag	ataaagggtgt	420
gtttagtagt	cattaaaatg	gtcagggtatt	tgactggatc	tccagtcgga	aaaaaaaaaa	480
aaaaaaaaactc	gagcctntaa	actatagtga	gtcgtattac	ctnnatccag	acatgataag	540
atcattgatg	agtttggcaa	accacaacta	gaatgcagtg	aaaaaaaaatgc	tttattttgtg	600
aaatttggga	tgctattgct	ttatttggaa	ccatttntaa	gctgcaataa	acaagttaca	660
accaaccaat	tgcnttcatt	ttntgtttc	aagtttcagg	ggggangtgg	tngggaaggt	720
ttttttaatt	tcneggccg	cggcccccac	tgcnttggg	ccccgggacc	ccacnttttt	780
gttcctttta	ntgagggtta	attgccccct	tgngngtaaa	catgg		825

<210> 3894

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(836)

<223> n = A,T,C or G

<400> 3894

gccatcctac	attccagtga	gggttgetga	aaaaatccta	tttgttggag	aatctgncca	60
gangtttgag	aatcaganng	tgaacctgnc	tntanangga	tccattttgc	aaaaccanga	120
anacacttta	tgctgacta	gctgcaccgt	cctcangcag	nanccactct	tcagctaagg	180
tggtactctg	aacaggtggc	ggatcgcat	angcagcact	gtggctgagc	atctntngaa	240
ncnnatgggtg	gancaancnn	nttnactggg	tnnnncgaag	accatnnnat	acnttnacct	300
nttggggacca	tganaactgt	ttccagcccc	tantgacgca	gcgaaacaca	tgtatgaaaa	360
caccanccac	tggtagtact	gatcatgatg	tgaagtgtgg	cctntctaca	gttaacngcn	420
cgggtgtattt	gctatgatga	tgacaccttc	ttcctctgtt	gncttgacgn	gcgncctac	480
ggcaaggagc	gcaatatatg	tantcaagcg	ngagaagggc	cttcnctggn	aacttntacn	540
cgnaagcccc	tgntatggct	gggnngccct	aagtctttnc	tacaangtac	aggaggcccc	600
ttcataaaac	tcttcacccc	acatggncct	gnaaaagnac	aaagtggntg	ttaagnctct	660
aacttgatgt	gcgncggggn	gcannctgag	cttgaggagc	ttgctgggccc	ttnaaaangc	720
cngggcnagg	aanttnaagc	tngaannana	aatgangcca	atcnanttgg	gncnnaance	780
aaatcanctg	gggttttttg	gngganaaaa	tccnggact	ntttncggg	gttttn	836

<210> 3895

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 3895

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tccaggagaa	ggcttccaag	ctagctgctg	cctccttact	cctggccctc	tacatgaaga	120
actcggatac	tggtttccct	tcctggacat	tacagtggct	acagtatctc	tgagcttcac	180
cccttgggtca	gacagctgaa	caaactgctg	actttcagtt	cttacgatag	tctcaaggct	240
gtgtattaca	agtattctca	cccggtcttc	tttgaagtcg	ccaaaatccc	tgcttgggat	300
atgttgaagc	tggaggagat	tttgaactgt	gattgtgagg	ctcagggcct	ggtactctag	360
cagcagccac	agggtctaagc	atgcatgtta	acagggtata	tttattctat	gntcgaattt	420

gcttttgate	gcttttattc	atttttcett	tctttgnctt	ttcccaaaact	gataatgnta	480
taaatattta	tggtgcttgg	ttttatgaaa	gaaaaaatat	tgncatat	gactacaaat	540
ttaataaaaa	aattaatggg	tattggtaaa	aaaaaaaaaa	aaaaaaaaact	cgagcctcta	600
aactatagtg	agtcgattcg	tagatcngac	atgatagana	catgatgagt	tngacaaccn	660
cactagaagc	cggnaaaaaa	gcttattggg	aaattgggat	gctatgetta	ttgnaccatt	720
taactgcata	acaatacaca	catgctcttt	ttgttaggtc	ngggngg		767

<210> 3896
 <211> 961
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (961)
 <223> n = A,T,C or G

<400> 3896						
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tcctgggacc	tcggagggtga	tcgagcctaa	ccngggggcca	tnntacagat	atgaagactg	180
agatgaagac	aggagaagg	ncatgctgng	aagtccatan	actgggcctg	gctcctgggg	240
taaactaatg	ggnacaaann	tctgangatt	cctgcntana	ccacnaaatg	gacagggnc	300
aggccentga	tggttagccc	atgcctgaca	ctgacnantt	nacagnccaa	gaacacagng	360
atgaagaata	aaaagtggta	caatcggntt	cacttggtgcc	accaggatac	tttcaatgat	420
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ggaaaggccc	anagggtttac	attggccccc	cattgnacct	tgagcccnaa	gcttgggnaa	600
tcaggaacc	ttngggaaat	ttggggccnc	cttggngggg	cttgaccccc	ccataanaag	660
gttccaaagt	gggccccent	gccttanggg	atnaaaagccc	gttttaaacc	aacaatttan	720
gggggttaaag	ggttggccct	ttttcatngc	ccccccntt	naagngtaaa	aanaaanggg	780
ggnacccttn	tanaaacnc	catngggaaa	aaaaaaactg	nggggccttg	gggnccccct	840
ttggggaatg	ncnccagnag	aaatnccna	ggggcccttna	aaacctttt	cctngggggcc	900
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n						961

<210> 3897
 <211> 832
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (832)
 <223> n = A,T,C or G

<400> 3897						
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gaatacggat	ggtcctcgcc	tatctgtttg	ctcagttgag	cctctgggtc	cggggtgtcc	120
acggtgggct	cctcgtgctg	ggatccgcca	acgtggatga	gagtctcctg	ggctacctga	180
ccaagtacga	ctgctccagt	gaggacatca	accccatagg	cgggatcagc	aagacggacc	240
tcagggcctt	cgtccagttc	tgcattccagc	gcttccagct	tcctgccctg	cagagcatnc	300
tgttggcgcc	ggccaccgca	nagctggagc	ccttggctga	tggacagggtg	tcacagaccg	360
acgaggaaga	tatggggatg	acatatgcgg	agctctcggt	ctatgggaaa	ctcangaagg	420
tggccaagat	ggggccctac	agcatgttct	gcaaacctct	cggcatgttg	agacacatct	480
tgcaccccgga	gacangtcgc	ttgacaaaag	gaagcgggtt	ttctccaagt	acttccatga	540

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acagacacaa gatgaccacg ctnacacccg cgtaccacgc cgagaactac agcccttgag 600
gacaacaggt ttgatcttgn gaccatcttn tgtcaacaca aagctggcct tggcaagttt 660
cgggtgcatan aaaaatnaag tgctacaagc ttcgagccct ntanaactat agtgagtcgt 720
nttacgtnga tcncacntt gataagaatn catttggtga gtttnggnca aaccnccact 780
tggaatgccg tggaaaaaaa gcttttnttt tgtgaaaatt ggggaaggct nt 832

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<210> 3898
<211> 821
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(821)
<223> n = A,T,C or G

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<400> 3898
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cccagctcca caagaaaata cagatctgca gaaaatgatt tgaatgccta ctttctcact 180
cgtccaagga tgatgctgca tagctagtac cactctagat gcttggaaga aaagttaatt 240
caatcaacag atagtgcatt agagtttaat tcttttatag aactccattt gagaggggct 300
cttaaaaaatt aagagcatgc ataccaaaagt ataataaaaa aaattaagaa caaagatgta 360
atggcttact gcatgagata gaaaacaccc atatattgaa aattgagtc ttagggctag 420
tttttatttt attttatata tatatatata tatatatata tatttttttt ttttgagaca 480
gagtctcact ctgtttccca gactggagtg caatggcatg atctcggtc acggcagcct 540
ctgctnctg gcttcaatca gttctcatgc ctgtagtccc actgctcang aggctgagg 600
gggaggatca cctgaatgag ccttgggang ncaangctgc aatgaacct gaacacacca 660
ctggactnta acctgggcaa aanantgag aaaccggtt caaaaaagaa aaaaaatctg 720
gaataaccta ttgggccttt tgggttaatt nnaaangnnn nnnnnnnnnn nnnnennann 780
gnnnnnnnnn ngnnaaaann nnnnnnnnaa naaaaaacn n 821

```

```

<210> 3899
<211> 881
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(881)
<223> n = A,T,C or G

```

```

<400> 3899
agttttaact tgaaccctt cagtcaggat gaacataaag ctctcaagtt cttgaaagga 60
tgagacacaa gaataagatg gggtaaccgt gaccagctcc tctacctggg gtcattggagg 120
accgaagacc ctccaacctt gatgcctgta aggacaggcg ctctctgtaag ggatcagggtg 180
taaagaatct ggccatagct cctgtacaaa gcctctttgt ctgaagtact tgggtgctct 240
ttgacggcag gaggaacac aacctgtcgg tggctgctgg acctcaccac gggggctcag 300
tggacataag atctattgac aggcctctgg agtcaccant ggggtgtgtgt ggcantggct 360
gtgggggtgt agaatgactg caacaggcac ttctcaacaa tgacctgctg ttcacatggg 420
ccctgagcan ggaggaagg agagggacaa tggaaagctt gttccagcat tctcttana 480
aaggggagag acaatttcn gtaggtgtna tggaaattgga ataaaagcag gangctcaan 540
gggtgggttt cttgagtaaa aggacaaaaa tcgtgggtgc ttttgtnggt tcaaccacaa 600
ccctttcatt gggccagaca cccacatctt tttttcccta ctggnetccc attttttgcc 660
cccttttttt ncttaccttg ccttnccaaa aaaataagaa tgcttgcttt attaaacca 720
ttttgggggg cttgcttctt ttgggtcaag gaaggggtgn ttgcaaaaaa tnccttcnc 780

```

```

ccangggatt naaatgaaat nggggtgttc cccctggag ccttnttaac aaccttttta 840
accaggtgt tcaaaaaaat ttntttcccc cccccnccn t 881

```

```

<210> 3900
<211> 812
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(812)
<223> n = A,T,C or G

```

```

<400> 3900
ctctgcagtc tcttaagcag attgactatg atgcatgtca cataaaacag ttttctttct 60
gttctattgt ggagtttttc tggggctgga gaacattctt ttgttatttc caaacactgt 120
ctataattac canacatgat ataaacacat aagggtgccaa ctggaattta ctctagaggg 180
gactttccct ctcagacttc cagtcaactc acacttgtgc aacaaagtgc atgctgtccc 240
ctaaatatgc aagcagaact gtgtttctgc ctatttggtg tctatagtcc tctacagtca 300
cttctanaga gactaaacca aatttctacc aacttcacag ggcaacaatc aatagtttta 360
tctcaatgac tcttgatctc tcagacctta aactgattca nagaccatgg ggcccacaaa 420
cctaatacaga gtaacgtttt cattgagtac acattcanac atgagaatct tcactttnc 480
cttttttctc ttggtaaaat gttcacaaat gtgcaggtaa cacctgctgc tactccagcc 540
attcngggcc taaatctgca gctctacatt ttgtatctag gtcttgagaa ttgggaaata 600
gaaaattttt atctaaaaat gcaggtcctt ttggttatca aactcagaca ttgaaatgaa 660
agtgcagnta cccctttctc ctctttgna atatgnattc atctcttgga aactggtcac 720
tattggccnc aagtagatgt atattnaact gggtatancc acattggaca ctggttttca 780
tacctnaac cctaaaggaa tatggcccaa ca 812

```

```

<210> 3901
<211> 815
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(815)
<223> n = A,T,C or G

```

```

<400> 3901
actttatatg gattctctaa ttttaatctt caaaatgcta tctaattgtct cattaagact 60
tgcatataat gtatcttaag tacagtcatt aaatatagtt tagggagatt tatgttcaga 120
tattgcttaa agatgtttta ataggcccat ttactctgat gatattaatg agctcttaat 180
acagactaag cttctaaaac tagtggtaaa gactcccagc ctgaacacaa caacttgga 240
ttaatgcctg ntttgacag atgcctgagg gtgagtcctg cacacactcg agggctcancg 300
cgagcccctt gctggatgga gccttgtttc anaaaggggc ctctgtaac gggctctggc 360
tgctgactcc agagcaccca ttcttcggcc agcctgagta ctgtcttttt tctccccc 420
actgtgcaca ggacatgtgc taactaggcc gaagtacctc tccaagggtta ttgagaagc 480
gctgatagcc ttggcggtgg cactgnggcc tgtgaggggt taaaggangc tgttgctgaa 540
attncgtgga agcatctgcc aagtaagggtg tgcacagact ggcatcgta cntgaaacaa 600
gcntncctnt gncaccaagt gaactgnaaa anggcacatg ggtgtgcttt catcttttan 660
gcattcatcc tancttgaat tacatgtaat aaangngncc tgcttatttc aacntcggaa 720
ccnnaaanaa angcnnaaaa aancctcgan cctttaaaac ttttntgagt ttttttct 780
aatccaaac ttgataagaa acattngtgg agttn 815

```

```

<210> 3902

```


<211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (820)
 <223> n = A,T,C or G

<400> 3902

ccaaactaga	agctgtcagt	gacaataaact	tggaattagt	caatgaaatt	cttgaagaca	60
tcactcctct	aataaatgtg	gatgaaaatg	tggcagaatt	ggttggtata	ctcaaagaac	120
ctcacttcca	gtcactgttg	gaggcccatg	atattgtggc	atcaaagtgt	tatgattcac	180
ctccatcaag	cccagaaatg	aataattctt	ctatcaataa	tcagttatta	ccagtagatg	240
ccattcgtat	tcttggtatt	cacaaaagag	ctggggaacc	actgggtgtg	acatttaggg	300
ttgaaaataa	tgatctggta	attgcccga	tcctccatgg	gggaatgata	gatcgacaag	360
gtctacttca	tgtgggagat	ataattaaag	aagtcaatgg	ccatgagggt	ggaaataatc	420
caaaggaatt	acaagaatta	ctgaaaaata	ttagtggaag	tgtcaccccta	aaaatcttac	480
caagttatag	agatccatta	ctcctcacag	gtattttgtg	agtgtcattt	tgattatnat	540
ccatacaatg	gccaccta	ccttgcaaag	aagcaggatt	gnagttttnc	aaaaggagag	600
atcttcanat	tgtaaaatag	agaagatncc	aaatggngg	caggcttnc	catgttaaaa	660
aaaggangga	aaccnctgg	cttcntnca	agccaattnc	tgggaanaaa	aaaaaaaangg	720
cttttgtaa	aanaaactgg	ggacaattca	agganccttt	ttgggggact	ntaagttgcc	780
aaaaaaaaa	aaaaaaaaac	tcggnccctt	taaactntng			820

<210> 3903
 <211> 726
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (726)
 <223> n = A,T,C or G

<400> 3903

tnnaanctaa	tgcttggtta	cttggtcttt	ttgcaggatc	ccatcgattc	ggtgagccac	60
tgcgcccggc	caaagacact	ttcaaatact	catgattgga	tatgcctctg	tgattgacag	120
tgagatttca	aatgggttaa	agattgctct	gcaaagaggt	taactgttga	gattgatata	180
ggctatcttc	aacatatgta	cattgctgta	tatgacattt	acctaccatt	gtgcatctgg	240
gacttcctga	tggaaccacag	gaattccctt	ttcttcccat	tctcttccag	atctttcttc	300
tacttgaaac	cccttatcta	caaaaatgaa	taaacaaccc	aatctcattt	ctgatcgtgt	360
cctggaattg	atctagggca	aggtctggag	aagtgggtggg	agacagcaga	cagcttttgt	420
tagtcttcta	accccgacac	tttctcagcc	tcattctgtgt	gttcctgtct	cactctgcag	480
acctcacttc	acaatgctct	tcagatcctt	taatgaatag	gaaattgatt	ttgggtattt	540
ctataaaaata	cagcaaagtc	ttagaaactt	gcagtgtcct	taagaagaaa	gatcccttct	600
tatctccctg	ccagtttttc	tttctttatg	gctcaaacac	taactgattt	tgccatggag	660
gtattgngct	tcanactgct	tttggtgaac	tgggttgagg	acataacccg	ttgtctggta	720
tatttt						726

<210> 3904
 <211> 797
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (797)
 <223> n = A,T,C or G

<400> 3904
 nnancntgct acttggttctt tttgcaggat ccttcgattc gaattcggca cgaggggaaca 60
 tgcaaaagcag tagccctctg aggagcagag ttaaggctag tacagaaaag acttttctctc 120
 ccaaaaacacc ttcagtgttt ggagaggcta ttatgtcaat aagtaaagaa catgctactg 180
 tgaaaaaggt acaggaacaa aaaagagttg ccaaaaataa aaaatattat tgtaaggtaa 240
 aaaatttcat aaatgggcct aatagtggga tggatataac tgaaaactaa gatggtgatg 300
 aggaagacag tcaagaataa atataccaaa gtagcaaaga aatacctgtg caagtagaat 360
 agcttgcttc aaacagatga gatttgctct cccaacatca aaacatatca caaaactaca 420
 gtaattaagt ccttttgagg ccagcactga ctgggataag caaatagata aatgggatgt 480
 aacaggcctt atttcaaact aataggttgt tcaccaactc ctagtgggat accctgctat 540
 ccattatgaa aaagaaaaaaa aggtaagttc tcattctaca ccatacttaa atttcagatg 600
 aattaagtat taaacataaa aattaaatga aacatgggtt tncctgggga ttctaagcct 660
 actccaactt ggaagctgca aagttggcct tgtgntctac atgggaaaaa aaatagaact 720
 gcaaaggaga atatttacta ttgactactt aaacttaaaa tactacatga cangnctgt 780
 aaaatagtta aagatat 797

<210> 3905
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (756)
 <223> n = A,T,C or G

<400> 3905
 gtgnnnnnnt tgaatctttg ctactaanng cttggcnact ngttctttnt ncaggnagcc 60
 catgcgattc gaattcggca cgaggggaag gtctggctcc agcttgagcc cactcacagg 120
 atgtcagggg gaagtgtgac taagggtcac gccacgccac gtgggtgggcc agctggatcc 180
 agagcagggg ccgttggtgc cacacatcct gagtttccat ggtctaagtc agtgggcttg 240
 aaaaaaaagg gtggatgcag gatgctggct gggactgtgg agtgcggtgg cagtaagtct 300
 taagtgcagc tgggtggaga ttacagcatt tcatctgctt ttcttttgac accttttaaa 360
 gatacaaccc acagttttca agggtttatg ccaatgtctg ctagagggat ctgacagtag 420
 atcttaaac ccatagtatt cttaagagca caaggaaatt cttatttggg ttccatttac 480
 aacaaaggtg gaaattttaa actaggtcga gaatttgaaa tgcgtgtcac attaagcagt 540
 ttattagggg gttattttga aatcgttctt taagtaattt taagatgttt ccacatctca 600
 aaaggatnca tacatttttc ttcatttttc tttggagaat gtctgttcaa ggatgtttac 660
 caggtttggg ttttcaaaat ttcagcggct tttatngngc tggcattcca ttgcacagat 720
 tgggaatttgc cccttanagg aaatgggaat gttttt 756

<210> 3906
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (755)
 <223> n = A,T,C or G

<400> 3906

```

agagnnnnnt tnnntcttan ctactaange ttggctactt gttctttttg caggatccca    60
tngattcgct gtgaagacct ggaaacagnc aaaaaagact tgccaagctc cagactgtcc    120
agctggatga agatatgcaa gacttatgaa ctttatttcc tcttcacctc tttttggcat    180
cagcggcaaa tcttttcatg aagccccaag gacacaaaac attttcccat ttaaaggaaa    240
acactctagt ttgcaagta tatgcataca agagacttta gattgatctg catgaagatc    300
acagttaagt atacaggagt agaactgcat tattgcagcc tttttgttca cttataaatt    360
tctcttttaa atagatggag acaaaggaca aggtgaaatg tatcaagtca aagtgaatca    420
tttagttgac tctataattc taagggtcaaa atggaacttg atagtttttt aaattaaaaa    480
atgtatacac ctaacataga aaattaaaga tagctgcaga ccattagaaa taatacaatt    540
gtntntgttt acttttactn catgggcatt gaaaagggtta agaaacataa atgggtcatat    600
ttttaaagggt aagtacatgc atatatatat gcacacacac ctnttttttca gcattttttt    660
gaaaaagtct tgggggtctca aacacatttg nctcaaccac attttncnaa atgtgattct    720
taataacctca atnttggtct ganaaaagtg ccngg                                755

```

<210> 3907

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3907

```

agagnnnnnn ttntatctta tgcctaattg cttggctact tgttcttttt gcaggnatcc    60
catcgattcg aattcggcac gaggccaggc taatttttgt atttttagta gagatgggggt    120
ttcaccatgt ctcaaactcc tgacctcagg cgatccaccc acctcagcgt cccaaagtgc    180
tgggattata ggcgtgagcc accgcacctg gcctatgagt ggtcttttaa ttaggaacaa    240
atctaattgga aaggagagtt gactgaagtt ggcccacagg attgtgagct gggcagtgcc    300
ttcatgaagg cttgccacct tgggacgccc cagtttactg ggggtgtctg cggagtgcag    360
aagctttctg gcagctgcct gggtttggcc agacctgcc tccctcccg ccggccaacc    420
cctagtcccc ttctgtctc cacttgcatc caggggtggc tgctgttctg agaacattag    480
aactgggaag agagatggga gtcacatgga tttttgggtg gcattattct gaactttcgt    540
atccaagtta gtccccctta ttccactgtg ggcattgccc gtctaagcag ttacctgatg    600
cctgctgctg aaanctgctc acaggangcg gcgggggccc tggcactgnc cttgcattag    660
ncttgngttt gatgtgttct tgngaattac tttgtcagac aaaatattac ccgttgggtc    720
angaattctt ttactccc                                738

```

<210> 3908

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 3908

```

agtttnncta tgaacncttg gganctcaan ngcttggcta cttgttcttt ttgcaggcat    60
cccatcgctt cgaattcggc acgaggtttt ntgttatagg taacaggaaa acaaactaat    120
ncaagtggta atgtgtccag ctaaaaattt gggttctgtt aaggttaaaa gaaaatttga    180
ggtanccagc agtatctgcc tcagatgctg anaagcctcc tgagataaga gcgtatacca    240
tgtccataac tgaagtttta acattctntg ccaaacagaa ccagaattta agggcaggag    300
aatttgcaag atagaatttg caatttgcaa gaggggaattg caattctgca agagagggggc    360

```

aatttgcaat	ttgcacagag	agggcaattt	gcaagagaga	attgtggggc	cctnagagag	420
aatacatcca	naggaagagg	gaaccangcn	ttacaaattg	aatngaacaa	ggacagatat	480
ctgaaggggg	tttggtagtt	cccantcaag	tatggtacan	ctangtgcac	ttccctggcc	540
agaccaccct	acagtgtatg	atccccctgg	ggagcaaaaag	ctgcaagtaa	cacttttggg	600
gccctataaa	ttctgctgtg	gngccactat	acngatcaca	gccaaantggg	cattgtncce	660
ttttacacag	gatctgggca	tnacacnccn	gattgcacat	ctggcacgan	tgtgtctgga	720
caggaagacc	t					731

<210> 3909

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3909

ttctttgaaa	cctnanggct	tgggcnactc	gttctttntc	caggnagccc	atgcgntteg	60
aattcggcac	gagggtcatt	gatagcaagt	aagtacttcc	tgaaggcttt	ccagttcaaa	120
agattacaag	ccattctgcc	tgccaaacaa	attatattct	gaagatgcct	gttttgtaac	180
ccttgatgtg	aattttttgg	tgtctgaaat	ttacaaaaga	atgaaattga	aattgtaaaa	240
cactaaatgc	tttgggttta	ttttgaagta	atctgttact	ttaaaatgtc	aacattagga	300
agccataaaa	caagatatta	tgaaacccan	tattataaat	gttatctaca	tctaaagtat	360
tttaaaataa	cttattggca	gctttattct	ttttttcctt	acaagattta	gaatcttttt	420
ggttatatgt	ctatttttca	attttgttat	atttttaatt	taagtggcca	atgtggttat	480
gaacaagatt	tgtatggtea	gcttctgttc	tttccataaaa	cttcagatna	atatcatttt	540
agctataacc	taaaaaagtg	ttaaataaaa	tgacagatgt	taatttataaa	gcagccatat	600
gctaatttac	tttttcatat	gatgatggtc	taatgggaag	ttccatatgc	tttcttttgg	660
gcctaactct	gaaaaaggtt	tatgtcagaa	gttctnggaa	atatgtcttt	agccaaggaa	720
ttttattccc	cttaaaattt	ggnatcc				747

<210> 3910

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3910

caanctaang	gcttgggcta	cttgttcttt	ttgcaggnan	cccatgcgat	tcgaattcgg	60
cacgaggctc	attccagctg	gtctatcgtg	ggcctcanaa	ggtgaagagg	gaccgtattc	120
tggggccccc	natagaccag	ctgtagctna	ttncancctg	taccttgggt	gatgggtaac	180
ctacnactgc	atcccatnct	gaatatnctt	tgaaactccn	cannagtgtc	tatttaagtg	240
taaannctcc	tnagagnact	gcnnnnnnnn	atngtgnatc	tnnccctgnc	cntnganngc	300
tnnangngcn	ccactactnc	aanccanaaa	gaaaagngtg	ctgntcataa	ngccncanta	360
cggatctgan	ntcatnagga	tnacattnnc	cnaaagggag	tnaantgnng	gnaantgcnt	420
gncactatat	gaantacacn	ncantctgtt	antcactttt	aatnanntac	tgancccttt	480
ctaactatca	ggcgtnttat	tncatgaatc	ccnccntggg	aagatacatt	tntgaactng	540
ntcaaangcn	aacttcaatg	cngtganana	aatgctctat	ntnggggaacn	ttggngannc	600
tntngctata	ttngaaacgn	ntntnacctt	gggactggcc	aagtnaacan	cnttcaatta	660
ccnttaaant	ntantgttta	aaggntncaa	nggnnaggtc	ntgtgncctt	nattaaatnt	720

aanaagnngn ccatatccng ttnattcg

748

<210> 3911
 <211> 719
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 3911
 aacntaangc ttggctactt gttctttttg caggagccca tcgattcgaa ttcggcacga 60
 gcaccccttt taggattttac attagttctg ttccagtaaa ggcttaggta ggaagcacag 120
 gatgtagagc tgagttgaac ctattccctt gatcttacta atgaggtgcc tgatattcag 180
 agagaccaag ggacatcccc aaagtcaacc agcaatccat tagagctgag cctagtacct 240
 tgattctcag acatgaatgc tacttggtga attgaaaatt gcattcataa tacatctctt 300
 catagattcc tggccaggaa gccccagaga ccaaaacagt ggttatcaat atttagaata 360
 tatcagattt acctggggag ctttatcaaa atccacactc ctaagcccaa tagggggaaa 420
 ctctgatgtg gtaggttttag ggtaagacct gagtatttcc aagaaaacct ccctggatga 480
 tcctgacaca gggagctttc agatcatcct ttgagaaaat ctgctttaga gctcattctt 540
 tgggtcggct ntctcttttg agctcactga tatcatcctt gtggacactg aacttttctg 600
 gaagctttct catctcagga attggtttgg gttactctac aatcagattt ccatncagga 660
 tgtcacggca gtggctcaat actgcacctg tgtccttctc agccnaactg gnetggggcc 719

<210> 3912
 <211> 755
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3912
 ngggnnnnnn cnntttcttc tngetganac cccngtggn ttgnccnact cgttcttttt 60
 gcaggcagcc cagcgttttcg aattcggcac gaggaaactg tttaantttt aaaggggtgt 120
 attggtgtat gtcactgaaa attccacagg tacagtgggc ttcaggcatg gtttgattgg 180
 gatgccagct ccgtttttgct gagattccat tgggtctgct ttctaccgtg ttccagcccg 240
 gtttaggttg caaaacagng gtggaaatgt taggcttcac atcaccgtac cacatagacc 300
 aaaatgagag ctaatatcca ggatgagaat gaacagctct tctaatacagg ctgtcataaa 360
 aataaggaag cttatttttat agaagccttt accaaaacct cttctttgac ttgntgntcc 420
 aaattggatt aaccagccca ttctcgccg caaggaaata cacactggtt aaccagctct 480
 ttactaacc ataccttttag caaagagatt ggattaccca acaacttgat tgctctggag 540
 actacttttg agttggggtg tgagatagta gataggagaa tgatctgtaa gtagatattg 600
 gataagcgag taagaaatgc aaactacact gaggtcttgc actggtctag gttttgggac 660
 ccagatgtaa taggacatag ntcttttctc gagcctctag aactatagtg agtcgtatta 720
 cgtagaacca gacatgataa gatncattga tgagt 755

<210> 3913
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 3913
 ntttgnaanc tnaanggctt ggcnactcgt tctttatnca ngnagcccat gcgnttcgaa 60
 ttcgggcacga gcaaaccctt cctttgtact cgccttcat aatcactttt gcttcacaca 120
 cataacctct gacagccact gatgtgttct ttatgactat agttttaact ctggaagaat 180
 gtcatgtaaa tggggctctg tgttttgag catcatgcag ctgtaacctt tgattcagca 240
 gataacaatg tgcattggct ctcactcaa ggtaatgctt ttcagattca ttcaagtggc 300
 cgcactctatc ggtagtctct tcttttcat tgctgagcag tattccatca caaggggtga 360
 ccacagtttg ttctgtgact catcaaagga catttaggtt gcttctagtn tttggtaatt 420
 atgaatagag ctgcttaaaa acagtgtaca catgttttta taggaacata agttntcagt 480
 tcttttaggg aaatgccaac aaatgaaatt gctaggctat atgttaagta tatgctgac 540
 tatgaaaaac tgcccaccat tttccagtgc ggctgatcac tctgcattct catcagcagt 600
 gaacaagggt tctagtgtct cctacccctn ttcagaatgt ggnattgnca gaattttaag 660
 tttanccag tcttaagaag tttngtattg ntatcatatc atggggttaa atttggnant 720
 tccctgaccg gataatggn 739

<210> 3914
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 3914
 agggnnnnntn nnttcntctn atgaactcnt anggctgggc aactngttct ttctncaggn 60
 agcccagcgt ttgcgtaca aacaccccaa nncaagcttt ttcactctgt gcntataatc 120
 acgagtccta tncctctgca ctatcangng tntntactn cctgctnaa ncnntgttgt 180
 ccatttnatt aagacagaag ttncnttat tgtnaaattt gaactgtatc tatgttataa 240
 tagtaatggt aactcantcc aaaggaccta ntnacaggaa gtaacntgtc ntacatatca 300
 gtnnatatan ggnnntnagt agggacatac tgtgatcttg gnatacttgn aattttttan 360
 ntccctgggc ggttcantgc attgatnnat cacatnatnn taanacatgt atgttgagac 420
 anagcangan tctgtctcaa aaaaaggga aaattcctgg actacataaa ttaaaagtcc 480
 atgaatagga ttggcttcta gcatgcccct tenggtgctc agacacttaa tcagaaattg 540
 gacttgangt tanttttatt ctcaggccaa ccttctccag tantgatgaa nanggccacn 600
 cagcaactnt gacctgccan tntggcaaaa atggatcana aaagtgtaan ctaagctgca 660
 tcngaangcc cangaatgcc tctnactggc ctgacttncg tcatngcccc atctttgcac 720
 aacctgtggn ctttggcang gcaaggggn 749

<210> 3915
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(734)
 <223> n = A,T,C or G

<400> 3915

```

tctttgnaan cttaatggct tggctnctng ttctttntnc aggntcccat gcgattcgaa      60
ttcggcacga ggagtatgtg tccagcgccc cctgtggtgt gtgagagaaa gcagctgcaa      120
ctcaagtgaac taggtgggcc cagctggctt cgtgcaggag ggcacgtcac tgcatacgac      180
ccggccaccg tgttctgaag gacagcgcca aagatgggtt agagtccactg ctgtgggagt      240
cttcgtcccc acacagagga caggtgtctc agctccactg tgcaagatga tgcacacca      300
gaccagtgaac gtcaggacga tgctgtctac gacagcaatg gtgaagatgc ctaccgtggt      360
cccaccttc ctgcagcctg ctgcgggcag gacgtctcag tggctgtgag ctcgctccgt      420
gccaggggtg ttggacatct cacagatacc acacggtctt ccaaggggac caccaaggat      480
gggggtctcta caagagagca acagagatct tagtcattct cagggcctcc gttgctctgg      540
ctctgccggt cttctggaca acggacaatc caacatatca atgagatgca tctgagattc      600
tgtctcanag tggcaagctt tggagaagac ccttcaactc attgactgag tcatctccat      660
gctgggagtg gcttccacag ggacagtga cctctgctga caaaagcccc tgctattcct      720
taactgtcct gggc                                     734

```

<210> 3916

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (743)

<223> n = A,T,C or G

<400> 3916

```

agagnnnnnn ttnatcttat cgcctaattg ttggctactt gttctttttg caggatccca      60
tcgattcgaa ttcggcacga ggtgatctgc ccgtctcagc ctcccagang agcacgtgga      120
ttacaggcat gagccaccat gcccgccctt ggatgtattn tctatcctag aatgtccacc      180
tttaaaaatg aagcccagtg aaaagtgttc cccactaaa atgtggactg ttttgcttgc      240
agggatgtgt gggtttcttg tagatagaag gctagagcta gcaccttccc aaattgcaga      300
ggaatcaatc ctggcttgtc tgtgagctgg ggaggaatgg aaaggtaggg gccttgagag      360
tccttaatta cataggggat gtccatcat tttgtntatt ctttaaaaag ataatgggat      420
tctttntnngn tgttggttagt ccgctttgt cagcgaggct ggggtgcaat ggtgtgatct      480
cggtcactg catcctctgn ttcctgggtt caagcaatc tctgcctca gcctctcaag      540
tagctaagat tacaggcatg caccaacatg cccactaatn tttgtactnt tagtaaagac      600
ngggttttgc catngttggc caagcttggt ctcaaactcc tgacctcaga tgatccaccc      660
tntttgggaa ccaaggcagg aagattgctg gcagccaaga attcnanggt gcaatgagct      720
atgattacat cactgngctt caa                                     743

```

<210> 3917

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (733)

<223> n = A,T,C or G

<400> 3917

```

ttntnnnnn ctaanggctt ggctacttgt tcttttttgc ggagcccatg cgattcgga      60
aaatatagct aacacttaat gtttgaggtc tgagcacttt acattaaata tttaacctat      120
aaaatgaaat gagaacttac ttttattatc ctcaattata cagatgagga aaccaagaca      180
cccagagatt aataatttgc ctaaggtaac aaaattagta agcatcgtaa ccaggatttt      240
tggtcagtct acacaccttc cccgttccct cactatagtg cctgctgcaa attgtacttt      300
aagctatagt tggacaaaat attaaaatct atctgggatg ataggtgacc aaaaaaaaaa      360

```

```

gtatatattga aagtatcaca gtgttaacag ggcagtgaag atgataaggc taagatacag      420
aaagggaaacc agagagcaga gtctactgct tgggactgtg gctcctccag gcacctttga      480
ccattcccaa taaggtagcg tgagaccctg agcactcttc ctgtaccacc tacacagctc      540
tctcttctct tctctgggtt tacttttatt ttactatca gcactctgtg cactatattg      600
tcgttatgtc agtatattgt tgttgattac ccattctcca tggctaggaa tgtcagctcc      660
agcctgggca acaagagcta actccatctc aaaaaaggaa aaaaaaaaaa aaaaaaaac      720
tcgggccttt ana                                                                733

```

```

<210> 3918
<211> 748
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(748)
<223> n = A,T,C or G

```

```

<400> 3918
agnnnnnnnn nntnnctta tgcctaatag cttggctact tgttcttttt gcaggatccc      60
atcgattcga attcggcacg agctgaagtg aggttgaggt ggggtgcacgg agcccccatg      120
ccctcagtgg gtacaccagc ctcccagcac ttctctatgt tcaccaaacac ggaagcttat      180
cagagcttgt tgtttcagaa ctcaattgcc agctcactgc tgaagagatt ggtgggtagg      240
gctgaaagaa atatcagtgg gtctttgtgg tattcagccc catcctgaga tggcctatcc      300
aggggctcta taagaagtca cctcattagc ataaactcac atgtgaccaa aaggatcttg      360
ttatgaataa caaaagatgt tcttattact caggaaatcc caagagttta gatgctctgt      420
gtcagggaag tggggatgca gaccaatttc ttattctatc acattaacca gaatcaagct      480
tataaaaatg tatttttttt tgtatgggtc tcantgtgcc tacttgaata atttttgctg      540
atttgattaa aaaattctgn ttttccattc tcttttatta gctgtcccat agttttaata      600
cagccatcat cccaagacca gaaggaagtt aagtgtcat ttataaaaat gattgnatcc      660
tntttttcca tctattactt ttngtccat tatgcatgtc aagctgggtg tggggagctt      720
actctntgna cctctatta gacagang                                              748

```

```

<210> 3919
<211> 723
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(723)
<223> n = A,T,C or G

```

```

<400> 3919
ttgaanctaa tgcnggctac ttgttctttt tgcaggatcc catcgattcg aattcggcac      60
gagctttcat ggtatgtcca taggtgtaaa atgatggcct taatgcttat aataataagg      120
taggtttttg tatgtctaata atacagagaa atttccaaag actttttaat ctttgcttag      180
cataaggagt ttagtcagta actattacaa ggaaaaaatg atcagttttc atttgtcagt      240
tctataagcc ccaggcaagt ttctttcggt ttgacttttt tattaattaa ccatatccta      300
agtgtctaaa gccatgagtc attttttaaaa tttatctttt tttgtatgcc atcacttcta      360
gttttaaccac ttgtactca caaagaagcc acaaatggat taatcattat gtcacttaag      420
gaaataaate catggcatag gggtaaattt aaaaaatact ttgtactagg attttataat      480
agcttaaat tttgaagggt ctactgtgtc acaatcaaca tgctcagcat ttttcagtgt      540
ttattttcca tttgtaactg gcaactactt aggtattatt agttaaaatc ccttccttta      600
tggaatgaga tgtctgttta ttacgtttac agccacatta cagatctatt gacataaact      660
ccactatggg aattgtgtct ctttttttcc cctctctgtg ttcacctgct caatgggtta      720

```


aca

723

<210> 3920
 <211> 723
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(723)
 <223> n = A,T,C or G

<400> 3920
 cttcttgcta atgcttggtt acttggttctt ttgtgcaggac ccatcgattc gggaaagtct 60
 caggaccctg agacatcttg ggattcctgt gggttaggaa agaccttta ctaccagctg 120
 gtattgtctt cagcattctt caaatagtcg ggtcttggtt aatattatta ttattattgt 180
 tatttaattt tattttattg caactgtact tagagaatag tctggctctg agaccttttc 240
 actgtggtct gttctggtgt acggctccca ccagtgtgaa gcagaaggat gactttgctc 300
 tgttgtcagg acaaccttga aggaaggagc caaatgtgtg gaggtctgtg ggaagagaga 360
 gccacctagc atgtcccccac tgaaccagtc agcagaaggc cttccccagg aggcctccaa 420
 cagatccctg aatgccacag aaacctcaga ggcttgggat ccaggacccc tccagcgtc 480
 aagatctccc ttgccgtggt cctttccgtc atcacactgg ccacagtcct ctccaatgcc 540
 tttgtactca ccaccatctt actcaccagg aagctccaca cccctgccaa ctacctgatt 600
 ggctccctgg ccaccaccga cctcttggtt tccatcttgg taatgcccat cagcatcgcc 660
 tataccatca cccacacctg gnactttggc caaatcttgt gtgacatctg gctgncctct 720
 gan 723

<210> 3921
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 3921
 tagctaattg ttggctactt gttctttttg caggacccat cgattcgaat tcggcacgag 60
 ccaagcagac cttggcatta tagatacagg ttctctaaaag ctgatagctt ggctgccagc 120
 ctcattgggt ggatcaccca caacttcatt ggctcttctt agtggagctt ggagcatttc 180
 cttggtgaat tcttttccct gaggggcaag atccatgcca cacagctctc tgacctgtg 240
 tgtcacaacc cttatgggtc atgagcaaaa tgggtgctag tagtcatttg ggcatttctc 300
 ttctgttttc ttatgtgtgt aataagatat acaaagtcgg gcttgaagat tagaaattgc 360
 tacttccagt gagtcagttt acttgggttt cacatcttca agttgagctt agaatggagt 420
 tacctaagaa aaggaaattt gcagccttca gtaccgtgtc ctgggggttg tagaataact 480
 agtgccatat ccactctact ggctctctag agattgtgta aaggaggctg gccttttggg 540
 gatgatctga atacatggta ttgaggacaa acctcttccc caaggctgat ttgataatat 600
 gtgagtttgt gggctcaaca tgtagaaata cactcaactg aatggatgtg gggtaatctg 660
 ggtattttaga cagggtggtt tggtnnggtt aatgggncca aaccttggtt nctggaaaa 719

<210> 3922
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 3922
 agngnnnnnn nntnnnnnn ttntaancta atgcttggt ncttggtctt tttgcangca 60
 cccancgatt cgagtgggt gcaaggagtt ctgtgtaaat acttgggagg catccaagcg 120
 gagagttaag taggcactga atattttaagt tgagctgagg ggagtgatct agactggaca 180
 taaatttttg gagtcactag tatacagatg gcatgtcatg gaactgattg anattgtttg 240
 tggccttaag atcaagccct gcnagactgg agtaataaaa ctctgggtct ccacacagtc 300
 agctctgngt ggggaaaaaa aagccctaaa acactaacia cggctaaagc ttgggcaaag 360
 ganactgaaa aggttcagcc nttaaagtgg gagagtattt tattattttc aagaaagagg 420
 gaatggtcac ctctgtcaaa tgctgntgan aagttacaca atgagaatag agaaatgtct 480
 atttggatnt gacaacatga tgggtgactgt tttgacaagt ggnccaagcc acattgggat 540
 gcttcgaaga gagaatagga agtgaggtga atatcgacag ctctgttaggg aaatttgctg 600
 ctgtaaaatg gagagaacca cttaatgctt caganggaaa tgggggtcaaa aaaaaaggct 660
 ttttttttta atttttttta naacaggagg ncttccannc atccagggtg gagtgcattg 720
 ngcaaattnc cgtttaccaa anacn 745

<210> 3923
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 3923
 agngnnnnnn cnnttcenct nttgnaacct ntnatggctt ggcaactngt tctttctcca 60
 ggnagcccat cgnttcgaat tcggcacggg cctagtagta ccctgacctc caggtgcccc 120
 tgactctggg aaagcctttc tgatgatctc aagcttgcan attctgtccc tgttctgacc 180
 gggggtcaca gcctagtggg agaacaggac ctctgctaa gatgctggaa ggaccctttg 240
 ggggagctga ggctggctc cctctctccc aggcgcaggt gcacaggcgt gtgggctgtc 300
 tgcaagcaca gatcctgcct cacagcacca ttaccacaat aactgaatct gtgtttcctg 360
 gctgtgttta attgtgctan agatttgggg catggttttg ggtgaagggt tnnaaatgag 420
 caattagccc tnaaatgtta aactaataag ggaaataaat gatcaagcaa agtctagcct 480
 angaggtttc agcaaccgaa gatgggctgg gacggggctg ggatgccgcc gacccagcag 540
 ggagtggccc ancnggtttg cttcaatgac ccangatgtt tccacaantc ggaaaggggt 600
 gctatcttnc tgtctgtac ttagaaaagt ctatcttacc cccnggatct nacttacacc 660
 accagancat tactggtcta cccgncaagg ctcttctgct caagaagaca gggaaaggat 720
 ttgctttccc cacnccatta nnacccc 747

<210> 3924
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3924

```

ttntnnncta cttgatgntt ggctacttgt tctttttgca ggatcccatc gattcgaatt      60
cggcacgaga aaaaaacana aaaaaaccct gttttcagtg ttatgggaga gaaatgaaca      120
atgggaaaca accgaggaaa gctggagcag gttacgtata aaaataaagt ccattcacca      180
aaaaaggcat tacttacgag ttaccagggg tgagagatag gatgctgaag tggctctagaa      240
attaagctac ccagtatgga agggctgaca attcagtgat cgagagcagt gccttagaac      300
agccaaaaca atagcaaaact gagatctgca gaattaactc tctgaaaat aacaaggagg      360
tactcatttc acgtttcctt ctatttgatt tacaagaggg tgtagcttga gggaaaatgc      420
ctcacacttg ttgaattaca cagttgtttc tcattcactt ttaatcacgt tttgagcacc      480
tgctaagtac caggcatttt gctaattgagg agcacagagg taaaagacac atcactactg      540
tatgaaatgc gtagctcant ggtgtgatac acaagcacag agaggtnacc agagagcaag      600
gagggcatgg aaganaggcc ttnnactttt ggactgggaa nggagaaaaga tgtangacaa      660
gaaaatcttt cccttaagga gcttgatgct ttgaacttgt gccctnngngg aatgaanaag      720
ttnaccant tngggettan cnt                                          743

```

<210> 3925

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (743)

<223> n = A,T,C or G

<400> 3925

```

gnanctaatz ntgcttggct acttgttctt tttgcaggat cccatcgatt cgtctagact      60
ctgggtcgta ggaacgggtc aaggccttca ccatgagaag agcaccaaag ggagttaata      120
tggggttgac cagaggtagg caaaggaagg cctgtgggac aaatctggcc agctacctgt      180
ttttataaat aaagttttat tggaaacaaa ccatgctggg gtttgtttca tatttctctga      240
ggctgttttc aacttgcaat ggcagagggt agtggttgac acagatgccg tctcaccaaa      300
gcctatgata tttactgtct ggccctatac anaaaaagct tgctgacctc tgggttagac      360
tgtcagggtg tananactaa ggagggagtg ataagtcctt gttggccacc tgagggtttg      420
nctgtgtcag gaagctgcag atgggagatg tccaggcagt ggctcanaag aacccatgga      480
ggacccatta agggaanggt tggatatgtg acaccancca cggccangtg aaccanctgt      540
gcagtcaaat acanaacttn ccgtccctta caccctctct ctctgnggtt tcaatttttag      600
tgaaagtcac ccacaccnca nangtngaac caaccctgtc agtcaaaatn caaaactttc      660
cttgcacctt taaaccttcc tttttnctgt gtttccaatc ctgggtggaag gtccataagc      720
ccagtcctnt gaanccaagg nng                                          743

```

<210> 3926

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 3926

```

ggggnnanng cccttnctcc angcngtaac tctcggaan ggcceggenn cttgttcttn      60
cnnacaggnag cccatcgctt cgctcnaena catnnetggg cccctttttca tggggattna      120
tgncnagtgt nnnnggacag gaccattcan tggttgntt nnaannttga tggngtnaan      180
tgcnnttaga ataaanngaa cagancaaaa taangnnngg ntagnaggaa gatggnatgc      240
acatganaag ataanggcag cagnanaggg gaggggaanga gtggatatng ggggaatgacn      300
ttatnaangc cangaaacta gaatctnagn gacggaaaag cttnaaaagn tctgagncnc      360

```

ttnnnnanac	ggnggggtacc	cnnggggtcga	acaaaccgnc	ttcttttgaca	tgttgtauca	420
tactgaacan	ggnntecnaa	tectgcggcc	aangnaagac	acgnagncta	nccnagtcgc	480
tanngccnna	accaatggcn	attncnaggc	gtgatctaac	gcactacagc	ttgnactcct	540
gggctgaggc	ggganaatca	cttggaccca	ggaggcatga	anttgcangt	gagnctnaga	600
acacgccaat	gncatacgcc	tngnncccn	anggnccnaa	aacccccggt	cttaanaaaaa	660
angggaccca	agaaagggng	gaatccccc	acccccggcc	nntagaacca	tnntcacccct	720
aaaggggaag	gnnnctttta	nggaaaanna	nccgggcntg	gggnaaaaaa	acanggcctt	780
ntaggnc						787

<210> 3927

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (736)

<223> n = A,T,C or G

<400> 3927

tnnttgnaaa	ctaangcttg	gnagctngtt	gttcttncnn	caggntncca	tcgattcgtc	60
tgtggttgga	agcctgaatg	tgaatcgctg	caaccagacc	acagggcagt	gtgagtgtcg	120
gccaggttat	caggggcttc	actgtgaaac	ctgcaaagag	ggcttttacc	taaattacac	180
ttctgggctc	tgtagccat	gtgactgtag	tccacatgga	gctctcagca	taccgtgcaa	240
cagttctggg	aatgccagt	gcaaagtggg	tgtagctggc	tctatatgtg	accgatgcca	300
agatggatat	tatggcttta	gtaagaatgg	ctgcttgccc	tgccaatgca	ataatcggtc	360
tgccagttgc	gatgccctca	caggtgcttg	tttaaaactgc	caggaaaata	gcaaaggaaa	420
tcactgtgaa	gaatgtaaa	aaggatttta	tcagagtcc	gatgccacta	aagaatgtct	480
tcgctgccct	tggtcagcag	tgacatctac	aggcagctgc	tctataaaat	cgagtgaatt	540
ggaacctgaa	tgtgaccagt	gtaaagatgg	ttacataggc	cgcactgcaa	taaatgtgaa	600
aaatggctat	tacaattttg	acagcatctt	gtagaaagtg	ccaatgtcac	ggccatgtgg	660
gaccccgatt	aaaactccca	aagatttgta	agcccnaaaa	ntggtgantg	catcaactgg	720
cttcatacac	ccactg					736

<210> 3928

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (753)

<223> n = A,T,C or G

<400> 3928

agggnnnnn	nnntnncta	ctgnaacctc	taanngcttg	gcnacttggt	ctttttgcag	60
gnagcccagc	gattcgaatt	cggcacgaga	taacctaggt	nttagaagga	taggaacaac	120
aaacatcatg	atcttacaca	cctgcacttt	ctagcaccag	ctcctggaga	aaaatcgaga	180
ggctgaatgg	tgtctgttaa	cagattatag	tcagtgaggc	ctctttccctc	agatgttgta	240
tcttatcaat	ggcagacatt	ttcaacctga	aagacacatg	ctcattacaa	gacttagtag	300
tgctctaacc	ctgtttttcac	ttatcagtc	aagacgtagc	cgacatcaaa	gtattcagct	360
tattacagaa	ttgacttcct	caaagtttct	ctcagtgttt	atccaagatg	taattcactt	420
agcatcttta	tctcgctgca	caggactaga	gttgccctcg	aaaaaactca	ggataccact	480
tggctataga	tcacagtact	tgctcctcgt	atttgcggtta	actngtgtga	atatgcagcc	540
tccgtgagat	atcttgcatc	tgcttctgtg	aacacacagg	acaacagact	gtcttcgca	600
gtcatacact	cagtcattat	ctcaaatagg	tattccagtt	caaagtata	aatcagtag	660

tcttacatgt tacagantgg gtgggatgtt cctttgccag gggattaaaa aaaaaaaaaat 720
 cccaagtctt aatactgntt tctnccnagc aat 753

<210> 3929
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (754)
 <223> n = A,T,C or G

<400> 3929
 ngngnnnnnn ntttnnannc nnttggaac ctgtgcnagg ctcttgttct ttttgcaggn 60
 acccatcgat tccgattcggc acgaggtgga ataatatctt ttgaaataac taagtccact 120
 aaattataca gtatgctatt ctggttctaa gtacatatta gtcccttggc aaatctgttc 180
 tttcaaagca taccttcccc aaatgagcct acctacttct taaaaaacat ataacacaat 240
 gtggttagtag taggtgtnag gaaggtaagt tntttcatag gggnatgcan acatatnatt 300
 gaaatattac atagatntaa agacttaggg aataaaaaata gcagcaacaa atacttgata 360
 gatttatcct acttgggaga aatattttgt agcagagtat ttagtatact tagaagttga 420
 tttagcaatt aggcctttaat gaccttacia agtgaacata actgaacaca ngatatttttc 480
 caatgcaaga tgaggatgaa aatnttacat ttttaacccat ctggcctaaag tttagactta 540
 gcaaaaatna anatgntgcc tttgnccaag tatngattca ngngactaga catatatggg 600
 tgtgtaataa ggaggattg gactgaaata tnnnttgcag ggtttcacat gtaaaactgc 660
 acttgccctg naaggatnnt ggnaanaatc tnggtttttc ctcagnncnn ntnnagaaca 720
 gtaaggggnc ctaacctnnt ttaaccgta aatg 754

<210> 3930
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (788)
 <223> n = A,T,C or G

<400> 3930
 gnnnnnnnaa gngnntnnnn tttgatanen tnttnaanct taanggcttg gctacttggt 60
 ctttttgcag gctcccagcg attcgaattc ggcacgagcc cgccacatgg cctgtttctt 120
 tccttgctgc tcctgcagca cagccctgac tggggggtt tgcgtgtccc ctcanogctg 180
 cagggeccac tccttctctt gtcttggtct ctgcttagcc agcgacgggt caggagggca 240
 tgggtggcca gcccgaagg agccaggcct cccagcacc cttcccttgt gtggcctcct 300
 cccacatggg atctcagccg gtccctggctt caactaaaca ggacgtggca ggcgtgatgc 360
 cctgccatt ccaggcctaa gccttgacac agcctggcag cttctgcttc tgaattgcag 420
 gaccccaact gtcattgtaa gaagtctggc tgctttgctg gaaaggccaa atggagagac 480
 cagtgtagag gccacatana caggccttgt ggagaggga aggtgctgag actacctgga 540
 angggagccc agttgaccaa acacccccca ctgagcccat cccccagnca ttccttgcca 600
 ggacacccaa catgtaagt angcatccc ggccgttcca ancttggnc ancccantg 660
 ggactgtaac ttgcannagn aaaaattttg ctttnnaacn aaaagtactt ggccnancnt 720
 gaancccan ttngtccca cannaattcc ttggagagna taaacccaaa ttgaattggt 780
 tggttnc 788

<210> 3931
 <211> 460

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(460)
<223> n = A,T,C or G

<400> 3931

ttnaccagc	tcttggtctt	tttgcaggat	ccctcgatcc	gaattcggca	cgaggcttgc	60
tctggggaaa	gctcatataa	gtatggattt	tattcctcaa	ctagtaggat	accaatactg	120
gtattgaaac	ttggggaaaa	taactggaga	taccagtgcg	gctattttaa	gctgtagcaa	180
gggctgcaat	cttgcggaga	ttttaaagag	aagtttttaa	gtttctaata	ctgatgcctc	240
tttttggtaa	atacaagttt	tataaatcct	gccctgggat	cctgattccc	cattaatcaa	300
gatttgtcag	acttcacctt	ctataattag	aaaacacagt	tataagaaca	gtcaattttt	360
taaattttcc	aaattaaaaa	attgcaccat	gattttgaac	aagcacttcc	aattacatta	420
cccatcttgc	atgccatagg	tgggagtata	attgtcacag			460

<210> 3932
<211> 719
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(719)
<223> n = A,T,C or G

<400> 3932

anctaangct	tggctacttg	ttctttttgc	aggancccat	cgattcgaat	tcggcacgag	60
attttaagtg	tgcagctcag	ccgtatttag	tgtattcaca	atgttctgca	accaccagcc	120
tcttgagtag	ctgggtgtgc	accctgcacc	cagccagaag	tgggaatatc	tgttggggct	180
gggcttagag	ctggagctgg	tggccggctc	tgctcgctta	cagaattctg	tacggtttct	240
gattttcttc	agcccatctg	tccttcactt	gcaagcatct	gatgactgct	gcatgtacca	300
taaaaacatg	caaatatata	attcttggct	ttgaggaggt	gaccctatga	aattgactta	360
aaaaagttag	gctggatata	gtggctggcg	cctgtaatcc	cagcactttg	agaggctcag	420
gccggagggg	cgcttgagcc	caggagttag	ataccctgtc	tgagagagaa	ttagctgggc	480
atgttagtgt	gcgcctgtgg	tcccagctac	tcaggaggcg	gggcgagagg	gacccctcca	540
gctgagatgt	gagggttctt	tgagcccagg	aggtccatac	tgacgtgagc	catgattggg	600
ccactgcatt	ctagcctcag	tgacagantg	agactgttta	aaaaaaaaaa	aaaaaactcg	660
agcctntnaa	ctatagttag	tcgtattacg	tagatccnga	catgataaga	tacattgat	719

<210> 3933
<211> 742
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(742)
<223> n = A,T,C or G

<400> 3933

agagnntnnn	nnttggtgac	tctaattggc	tggctactng	ttctttntnc	aggagcccag	60
cgattcgaat	tcggcacgag	gcctggcgaa	ttttttttgt	atttttggtg	gagtttcgtc	120
atgttgctta	ggatgggtct	aaactcctga	gctcaagtga	tccacctgcc	tcggcctccc	180

agagtgcctgg	gattacagtg	tgagccacca	tgccctcacct	aggggtggttg	gtttttaagt	240
gaaacatgca	catggtaaac	attaaaaccg	tctaaaaggc	tggaacctga	aaagcaaggc	300
tcccttctcc	cacccaatcc	ctgaattctc	cctggagagt	atccctccta	agtgcacgca	360
cttccactct	gttccatttc	tgccctgttaa	aactacttag	tgacagcttag	tgtagtggaa	420
cctgcttcag	aataacccat	atgggtcttc	tttattctca	tgaaccacag	agcatttcat	480
gtgttgata	tattgtctcc	tacttacgga	catttggggg	tgtttctggt	tttgtttggt	540
ttgtgacgga	ctcttgcctc	gtcaccacag	ctggagtgc	gtggcacagt	ctcgctcatt	600
gcaaccttca	cctcctgggt	tccaacgatt	cttccctctc	acctcccaag	tagctgggga	660
ctacaggtgc	ctgccaccat	gcccaactnat	ttttggattt	tttggtaaaa	caggggttca	720
ccatgtttgg	ccaggcttgg	tn				742

<210> 3934

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 3934

agtttnnnan	ntnaacnnnt	tgctgccata	gcgtggcttt	ttgcaggacc	catcgattcg	60
aattcggcac	gagggggccc	ccatttttct	caaatnccct	gagcctcaag	aggtggngga	120
agagttgaag	aagtacctgt	cgtanggaga	tttgggtaga	agccctcatg	ctgagctttg	180
tgccccgtgt	gatgttgga	cattaatgat	ggaacatggc	caaacttcag	tcctgatcct	240
gaaacatgg	cttcaggatc	atgactgaag	tcctggtttc	ttccctgcc	gaaatgaagg	300
ttcagttatg	aggcaaccct	ctagtaaggc	attgtaaaag	ttactggntt	nggtttaata	360
aaagttgaaa	tanagtanat	gaaaganaaa	ananaaaactc	nagcctctag	aactatagtg	420
agtcgtatta	cgtagatcca	gacatgatag	ggatacattg	atgactttgg	acaaaccaca	480
actagaatgc	actgaaaaaa	atgctttatt	tgtgaaattc	gtgangctat	tgctttattt	540
gnaaccatta	taagctgcaa	taaacaagtt	aacaacagcc	aattgcattn	catttcatgt	600
ttccagggtc	aggggggaag	gncttgggga	aggggttttt	taaattnnac	ggggccgccc	660
tggnccaatg	ccnttggggc	cccggtaacc	caagcttttn	ggttnccctt	ttantgnaag	720
gggttnaatt	ggccccccct	tngggcntta	aatncatngg	gncantaacc	tnngnncccc	780
cnggggtggg	aaaaatttt					799

<210> 3935

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(834)

<223> n = A,T,C or G

<400> 3935

agagnnnnnn	ttgannctaa	tngetggtn	ctcgttcttt	ntncaggagc	cnancgantic	60
ggtaaatttc	tgggttccag	gctcaagcct	tccactgtat	gtcccatggt	accagctatg	120
ccttttgaac	gggagatgtt	gcataaataa	ttgttgagta	tgacttttag	attctttgct	180
aacatcacat	ttggtgaaac	tataaaataa	ttcccatgaa	aattggattg	cttaatatca	240
taactgatat	ttaataatat	ttaatatgtc	tctaaaattt	ctggctaaaa	tgaaaatatt	300
caaccatcag	gaaggagaaa	caaaactatt	actgtttgta	aacagtttat	catcagtact	360
tacctaaaaa	tcctggagaa	tgagctcaga	aatatttcta	agagttgaga	cagtttagca	420
aatgaacag	atacaacctc	aaaccaaacc	aaactagaaa	gctcagagga	cacagaaatg	480

```

ccagtactga gctggcaaca cctctgttgt ttgtgaaaat gttctctgga acacatggac      540
acaggaaggg gaacatcaca ttctggggac tgttgtgggg tgggggggatg ggggaaaggg      600
ganaantncn nngnnnnnnn nnnncccant nnnntnnnnn nnnnnnttnn nnnnnnnnnn      660
nnnnnnnnnn nntnannnnn nnnnggggnn nnnnnnnnan nnnnnctttg gnnnnnnnnn      720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnccnn nnnnaaaaaa nnnnnnnnnn      780
ntnnnnnnnn tnnnnnaaan nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nncn          834

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<210> 3936
<211> 748
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(748)
<223> n = A,T,C or G

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<400> 3936
agagnnnnnn tttttgaanc taatggctgg ctactngttc tttntncang atcccatgcg      60
attcgaattc ggcacgagtg gaagctctca ggccaagggtg attgacagag atgggttttga      120
agtaatggaa tgtataaaag gagaccagta tattgtggac atggccaaca ccaagggtca      180
tacagcaatg cttcatactg gctcatggca tcccaaaata aaggggagaat ttatgacttg      240
ctcaaagtat gcgactgtga ggacgtggga agttgaaaat ccaaagaagc aaaaaagtgt      300
gtttaaacca cggacgatgc aaggcaaaaa agtcattccc actacgtgca catatagtag      360
agatggaaac ctcatagcag ctgcctgccg gaatggaagc atacagatct gggaccgaaa      420
tttgactggt catcctaagt tccactataa acaggtcatg gactcgggca cagacacttt      480
tgctgtgact tttcctatga tggtaatgtc cttgcctctc gtggagggtga cgattcatta      540
aaattatggg acatccgaca atttaataaa ccactttttt cacctcgggt cttcccacca      600
tgttcccaat gactgactgc tgtttcagtc cagatgataa gctcatagtc actggtacat      660
ctattcaaag agggatgtgg cancggaaca cttggtttct ttgaaccgta ggactttcca      720
aagggtgtat gaaatagaca tcccagat          748

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<210> 3937
<211> 747
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(747)
<223> n = A,T,C or G

```

```

<400> 3937
agngnnttnn nctttgaatn tnatgctggc tacttgttct ttttgcaggt ngcccatcga      60
ttcgaattcg gcacgaggta agatcctgcc tcaaaaaaaaa aagtttatgt tctcaaagtg      120
ctcataatct agtggttagta cagtatttga gatattagag cagtttctcc tctttttgca      180
actaaggaca tgtatcctta aagcagaagg aatggcagag tcgtgtaata aaccctcaag      240
taccattact tagcttcaac aactatcgac actctactgt tcttgtttca tttatgcctc      300
acctccttcc catccccccac ttgaatatcc tcatcctttt tttacagttt ttaagataac      360
aattacataa ctgaaatgca caaatcttag ctgtacagtt ttgacatatg gatacacctg      420
tgtaaccaat gactgtatca caacatagag catttcatct ccccagcaag atccatgtgt      480
cttttcctag ttaatgcctc tttattttct agatggttat tgctctgctt ttgtttttca      540
tgtagggtca gtcttgctg tttcagaatt tcatataact gagaacatac agnaatgtac      600
tcactagtag tgtctgactt tttcacaagg gataatgtct ggcgggtatt attcatgctg      660
ggngtatgca tcagtagttn attntctttt tactattaag tagtgttcta aggactattt      720
taatagcatn ccacaaangg ggtntga          747

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<210> 3938
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 3938

agttnttcnc	angannactn	antgggctgc	cctactcggt	ctttttgcag	gnngcccatc	60
nattcgaatt	cggcagcagg	tgtgggtcan	tttcatcaag	tactttacaa	ggtaatagaa	120
tatcacaagg	caagtggagg	cagggtgaga	tcacgggacc	agggcgaaat	taaaattgct	180
aaatgaagtt	tcgggcacca	ttgtcattga	taacatctta	tcaggagaca	gggttttgag	240
atcaaccagt	ctgaccaaaa	tttattaggg	gggaatttcc	tcttcctaat	aagcctggga	300
gcgctatggg	agactggggg	ctatttcacc	cctgcagttt	cgacagtaag	agacggccac	360
gcccaggggg	ccagttaaga	gacccacccc	caggtgcgca	ttctctttct	cagggatggt	420
ccttgctgag	aaaaagaatt	cagtgatatt	tctcccattt	gcttttgaaa	gaagagaaat	480
atggctctgt	tccgcccggc	tcaccggcgg	ccagagttta	aggntatctc	tcttattccc	540
tgacaatcgc	tggtatcctg	ntttttcaag	gtgccacat	ttcatattgc	tcaaacacac	600
atgctgtaca	atgtgtgcag	ttaatacagt	tattacaggg	tcctgaggtg	acatacatcc	660
tcctcagctg	acaggattaa	gagattnaag	taagtaaaga	caggcatagg	aaatcacaag	720
ggtattgact	gggggaagtg	ataantn				747

<210> 3939
 <211> 810
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(810)
 <223> n = A,T,C or G

<400> 3939

agnctttnnc	canntnnact	ncntnggctg	cncatactcg	tcctcgcccn	annangacag	60
ggcnnggcga	atncggcacn	cagaggcagg	tgngtttttt	aaaaggtnaa	cacaccngtt	120
atgccttcnn	gtacgggcat	gcgagccaga	agantntgca	nctgcnnnga	gagatgaagc	180
naaactntgc	aacattcaac	tgcatataaa	aaaaatgatg	ccnanagggc	ctttgagcaa	240
gaaatgnngg	nngatnaang	acacccgnng	ccngaactct	gcgcgggaca	tnnnggttat	300
ggctctgtna	gctentaacn	ctgcagntga	cccagacnnc	tannggcngg	actaggggat	360
gangcggctc	actgtgggcn	ntnctgtaga	ccncaggncn	nncatgatga	ctgnaaacag	420
antcccanan	actctactgg	atcctccctt	ttccttgcta	acacatgaaa	ctgatccagg	480
atacacagcg	caanaagnat	ctgaatggca	gtgaattctc	ttnaacataa	cccgcnatgg	540
cnatnggggc	ttcantggaa	tagangggta	caggtcaacn	gggggttgacc	ctgcggnntn	600
gnnnggncan	cggcnttntg	agncanaaat	acncgtaang	ccaantttac	agccatgaan	660
caaggatccc	ccnttngggg	tttggggatc	atcacggnat	tgntgttggt	ggcantaacg	720
ctgaaatgga	aaagggaacc	ttgcccctta	natgaccctt	tggggaaanc	ccctnaaaan	780
ggaatcgtaa	aagnccaanc	nccaangtcg				810

<210> 3940
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 3940
 agagnnnnnn ntnttgactc ctaatggctg ggctactngt tctttntnca ngtngccag 60
 cgantcgaat tcggcacgag ataatctcta aggaaacaaa ccaccctcac atgcactatc 120
 tcatttgat ttctgtcaat tctgaaaggc cagcatttgg ccagtattat ttgaatctgt 180
 attgtatttt ttaaccagaa gaatgaaggc ttatagcttc attcttttgg aagaggaggc 240
 tggagaccac aggttaaagc caggtgcac gctcttggcc ggccctggaa gggctcttcc 300
 tccctccttt tacactcgca gacaagcttg tggatgctca ataaggacag ctgccgtttg 360
 gacagagatt aatcatttat ttgtgaaggc tttttctgcc ttgctttctt gttctttttt 420
 aaatcttcac attgttttga tcccaaaatg tttgtgttgt ccttactcaa aactaggaaa 480
 aacaattatg tggtaagagg ctacagacca cttacttaaa tctcactaga tttatttgtg 540
 agaacatctg ttttctgata ttttagacact tntctctcca ttgctgttcc ctatgactca 600
 tgcacagtta tttgttcagg tttcatggga atttcccaag tgtatttacc tttgtttggg 660
 tttttaaaaa tgtaaattat attggcccaa taaatgagta tgtgttgtca nggggactgt 720
 ggctgggtca ttgcatgtgg aagggaan 749

<210> 3941
 <211> 740
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(740)
 <223> n = A,T,C or G

<400> 3941
 agnnnnnnnn ttttgnntct aatgcttggc tacttgttct ttttncangt tcccatcgat 60
 tcgaattcgg cagcaggggc catgtacctc ccggacaccc tctctccacc gaccagctca 120
 agtccacact gcagaccctc ccagagattg tggcaaagga agcacaggcg aaagtggccg 180
 aggtggaggc cgagcaggcg gacaacaagg ccaagctgga ggccacgctg caggaggagg 240
 cggccatcca gcaggagcac cgtgagaagg agctgcagaa gcgctcggag gtggcgagg 300
 attttgagcc cgaacgtgtg gtagctgctc cccaaaggcc ggggaccgag ccacagccag 360
 aaatgcctga cacagtcctg cagtcagaga ccttgaagga cactgccccg gtgctggagg 420
 gcttgaagga ggaagagatc acgaaggagg aaatcgacat cctcagcgat gcctgctcta 480
 agctgcagga gcagaagaag tcaactacca aggagaagga ggagctggac tgctgaagga 540
 ggatgtgcag gactacagcg aggacttgca gggagatcaa gaagggaact ttcaaagact 600
 ggtgaagaaa aattccgtgg aagaatctaa agccagcaag agattgacna aaagggtgca 660
 gcaaatgatc gggcagatcg atgctttgat ctccactgga gatggccaca gcttgcagct 720
 ggcccgcaa cggatgccct 740

<210> 3942
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 3942

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aggtnntnnnt tttgacccta atggetgget actngttctt tntncaggtt gccagcgan      60
tcgtttttacc ctctataaat gcattttctt tggatattct cctagattct cagggatatt      120
tccatattttt actattcatg agtttagaag agtgtttact ttcttgagtt ttcatttcct      180
tctttttctt ctgtcatagg taatttacag agcaaatagc caccagagag gataccgtaa      240
gggatgtgga aaatgagttc ctttgcgctt atccagttag gttgattttc agtcaatgag      300
cattcagtat atgcctggga ctctggcttt atttttttagc tttgtgatgc caaacccatc      360
aatgaacttc tctgtatatt tgattcatca tgaaatgggtg aactgagggg tggctgattt      420
ccagggtttac atcagttgcc ccagggggaag tgccctggccc ttgtctgggtt gttgctgctc      480
taactttgcc ctgttaattg aagaaatgcg gctgtaaaca cttctgggggt gttgctggta      540
ttttctgtcc tcacagttta cagagaaacc catattttca gcctcttctt ctgctttctg      600
tcttttctgg aaccatcttc accgacctgg tgtaatcttc attggngtgt gantntgcac      660
agatgtaaca tctnctcaaa gcttantgcc caocttccaa cttcacgaaa atctggagct      720
caggaccacc attctttcca aacctt                                     746

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<210> 3943

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (743)

<223> n = A,T,C or G

<400> 3943

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agtnnnnnnnn tnttgactct aatgctggct acttgttctt tttgcaggat cccatcgatt      60
cgaattcggc acgaggggca ggctttgaga ggatcgactg caattttgaa agaagttgta      120
ccgtgagtaa aatgcgatca aacagcattg catgcttcag agaaatcttt cttcacaaaa      180
ggaacaattg gtgcagcaaa attaattttc ttattttaag aaattgtcag ccgggtgtga      240
gccaccatgc ccggccgaca taggctatatt tttaaaatgc aagctcttct gaaccatata      300
atatgatgtt ttaaaatata gactctgaag acaaagacct gggctcagaa tcaggcccca      360
ccacttatatt tcaatggaat cttgtctgaa tcttgtaatc tttccaagcc tcagtttttt      420
catctgtata atagggataa aaataatagt aaacaaataa atgtatttct tttgaatatc      480
tagtagtatt ttaaaaaatca gataactaga attatataac tctatgtgct ttatttttta      540
cttgtttgct gggaatcaaa gagcttagtt ttgttttttg ntntttgntt ttttttgaga      600
ccggagtctc gctctgtcac tgcactacag cctgggtgat agaatgatac tctgtctcaa      660
aaaaaaaaaa aaaggaaaaa ggatgaaatc acacttggag caaaaaaccc aangcatatt      720
taaagatttg ngtattgggt taa                                     743

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<210> 3944

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3944

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ggttctcaaa gtgtgggtccc ctgctagtat agntncagcc tcacattgga actgggttaga      180
aatgcagact tctcaggatc cacctaattg cagnagttaa ttttaacaag cccttcgggtg      240
atcctgaaac atgttacagt ttgagaaaca ctgctataat acgtgtcatt tnaaattgnt      300
tcagggtgtg ggggtaggga ataagactac caattttattc atcttctgtg caatattacc      360

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tgtttaccta	actcttagag	atattaanan	atgttgaaga	atgtgtccca	tgagattata	420
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gtaccttact	catgtgtntg	nggtggngat	ngtgtacaca	aatcttctgc	actgccagtc	540
gnctgaaaagt	atagcacatg	gccgggcgcg	gtggntcacg	cctataatcc	caaacactttg	600
ngaggcttga	tgacggcaga	tcacaaggtc	aggnanattg	agaccatnct	ggctaacacc	660
ggggaaaccc	tgtctcttct	anaaatncca	aaattagctn	ngtgtggtgg	cncacgtttt	720
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<210> 3945

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3945

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ctcgttcttc	tggaaccct	gccactccc	aggaccaaga	ttggcctgag	gctgcactaa	180
aattcactta	gggtcgagca	tntgttttgc	tgataaatat	taaggagaat	tcatgactct	240
tgacagcttt	tctctcttca	ctccccaaagt	caaggggagg	ggtggcaggg	gtctgtttcc	300
tggaagtcag	gctcatctgg	cctgttggca	tgggggtggg	acagtgtgca	cagtgtgggg	360
gcaggggagg	gctaagcagg	cctgggtttg	agggtgntc	cggagaccgt	cactncaggt	420
gcattctgga	agcattanac	cccaggatgg	agcgaccaac	atgtcatcca	tgtggaatct	480
tggtggcttt	gaggacattc	tggaaaatgc	cactgaccag	tgtgaacaaa	agggatgtgt	540
tatggggctg	gaagtgtgat	taggtangag	ggaaaactgtt	ggaccgactt	ctggccccctg	600
ctcaacactg	accctctga	atggtnggag	gcagtgtccc	agtgtcccaa	aatcccacca	660
ttantggatc	ggnnctatg	aaaaagaagc	ctggaaaaag	tattggggcc	aatgtgttaa	720
gngnggaatc	ancacattcn	tactgnnat				749

<210> 3946

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3946

agnnnnnnnt	trnnctcttg	ngcctaattg	ttggctactt	gttctttttg	caggnaccca	60
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catgaacata	caaaaataga	tgctttgctg	ttgttcagtt	ttctcaagac	ttactgtttt	180
aagcttgtaa	aattaatgaa	cagtaaaata	gcagaaaata	gtgatacatt	ggatgatattt	240
aatagtttta	ttagtgagat	atgtgaggta	ttcgaattac	tacaattctt	tccaatccta	300
caagttaaaa	atgttggtat	gggtgctgac	ttttaaatgc	tggttattct	ctgaaggcag	360
ttttatgatg	catttagaaa	aaaggtaaga	gagatgtagg	cattatactg	gttcactctt	420
tacctaattg	atgaccagta	tactagagga	agttgtgatg	gaccagagtc	tttttgtttt	480
gtaatcaaat	gaatagtctc	ttcataacca	ggacagctag	tgtgtgcttg	agaatgtctc	540
cctcactata	tgatctggga	tattctgcat	taaaaggact	cccttcccag	tattggggaga	600
aagagagatn	aattgacaca	tttttactct	gactccttca	tttatctttc	cacataccag	660
gatcattttg	gnctttttaa	atgtccaagg	ttccaataag	tttaaatggt	attagtggnc	720

ttctacattt gatcagtaat gnagatggc

749

<210> 3947
 <211> 741
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 3947
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 attaaaatga aggcattctaa tggctccatt atgtctttta gagggtctcg gccagctaa 180
 ttgcatattg aaatacatta gatttgctcat aaattacttt cttttattgt cttttctgtc 240
 aatcttagga cattaaatgt atatgtttga aattgtgttt aggtnggtta tctgagcatt 300
 tggttcatat agtaaagaga gtgttataag ttcactgtaa gcccagggg ctttgggact 360
 natnnggttt anaacattgc actaggggaa atgaattgtt aagnnatggn acttctctan 420
 actaatgant catctgantt aatacttttc atgtgaagca tttttaaaga aagcaaacca 480
 gcttggtgcg gtggntcaca cctgtnatcc cagcactnng ggaggcagan gcnggctgga 540
 tcacgangnc aaganattga gacctnctgn ccaacatggt gaaaccctgg ctctactaaa 600
 aatacaaaaa tttagctgggc atantggtac ntgcctgtag tcccagcttc ttgggagca 660
 nagcaggaga attgctttga cccgggaatg gaggttcant gacccaaatc gcgccactgg 720
 ctctacctgc acaaatgaga t 741

<210> 3948
 <211> 847
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(847)
 <223> n = A,T,C or G

<400> 3948
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 aggggtgctt ctgtatatcc tgacaacagt ggcagccat taaagagttt tgagtagggg 120
 aactggattt gtgggttttag aaagatcatt tggcttctgt gtgaaagagg ccaaaaccag 180
 gagcagaaag accagttagg aagctgtgac agcagttgag agacgatgtt gtcaaagtct 240
 gcagcagaac agaacagggg tgacccaca tggacatcat ctctgctctt cagtcacctg 300
 tagtgcagag ttttgaagta ggtctgagca tggaaacctg agtgggtggg aaggaaatgc 360
 catttgcta tggggtgatt aagatctttt ttttttctt caggcgaggc ctctgctctg 420
 ccccaggct ggagtgcctg gacgtgatat cagctcaactg cagcctccgc ctccctgggt 480
 caagcaattc tctgctca ncctcccaag tagctgggat tacagggccc caccaccag 540
 cctggctaatt ttttgtattt ttaanngnnn annnnnnnnn nncctntntn ntctntnnnn 600
 nnnnnnnntn nnnnnntnnn tnnntntnn nnnnnnnntn nnnnnntnnn nntnnntnn 660
 nnnnnnnnnn nnnnnntnn nnnnnnnnnn nntnannnnn nnnnnnnnnn nnnnnntnn 720
 nnnnnnnnnn nnnnnnnnn ntntnnnnnn nnnnnnnnnn tnnnnnnnnn nnnnnnnna 780
 nnnnnnnnnn nnnnnnnnn annnnnnnnn nntnnnnnnn tnnnnnnnt nnnnnnnnn 840
 ntntntn 847

<210> 3949
 <211> 743

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3949
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 catgcgattc gaattcggca cgagcccacc ttctctctct cattgtctga ttgaaagcac 120
 caggtctccc acattgcttt catctttgtg ctgtttgttg tccctttcca tatctgtatt 180
 tatgtacctt gttagggctc ttgccgaagc aggggtggga acaagaacca cagatatact 240
 tctgtggttt gtgaagcatt gtgtggaggg ctgtgtacac agagtacctg gggcagttgt 300
 cacagccaact ctgtgtggta gctgctactg tgcccatctt agaaatgaga aggctgaagg 360
 acccaccag ggccacacag ccagtatacc caaaagtcac acatttgtac tctgttgctg 420
 tctcctgtcc tatagtacca cgcactaggg ctctgtcca tgtgcgtaag aatgaccgcc 480
 tancgctcaa taagatgac agcaaggcca caccgcatgg cttaagtctc cctttgccta 540
 ctgcatgatg atccccgggtg gccagcaagc agctggaaga ggaggatggc aggtaacggc 600
 tctcatctct caccactaga tgatgcctna ctcatctac catgctgggc caccccaacg 660
 ttttcttgcc acctatggtc ttttgtancc cgtgacagcc actgtttgac ttcatcgana 720
 cttnttgccg aacaagcacg aaa 743

<210> 3950
 <211> 740
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(740)
 <223> n = A,T,C or G

<400> 3950
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 ggccattctc agacgagtgc atcccagggg aagtgtggac ggtcaagggt catgtggtag 180
 ccctggccac ggagcaggag cggcagatct gccgggagaa ggtgggtgag aaactctgcg 240
 agaagatcat caacatcgct gaggtgatga atcggcatga gtacttgccc aagatgcccc 300
 cacagtcgga ggtggataac gcgtttgaca caggcttgcg ggacgtgcag ccctacctgt 360
 acaagatctc ctccagatc actgatgcc tgggcacctc agtcaccacc accatgcgca 420
 ggctcatcaa agacaccctt gccctctgag cgtcgtgga tctctgggag ctcttgatg 480
 gctcccagac cttggctttt gggaattgca cttttgggcc tttgggctct ggaacctgct 540
 ctgggtcatt ggtgagactt ggaaggggca gccccgctg gcttcttggt tttgtggttg 600
 ccacctcagg tcatcctttt aatctttgct gacngttcaa tctgcctct actgtctctt 660
 cataccctgg tgggggtccc ccttntttct ccatggacag aanaccacca ctggggatgg 720
 ggaattaaag ttganaacat 740

<210> 3951
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)

<223> n = A,T,C or G

<400> 3951

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nttcgttcaa tagcatgtta agtagatatt atctgacaga cctacaagtc tcacttatcc	120
gngacatcag acgaagaggg aaaaataaag ttgctgcgca gaactgtcgt aaacgcaa	180
tggacataat tttgaattta gaagatgatg tatgtaaactt gcaagcaaag aaggaaactc	240
ttaagagaga gcangcacia tgtaacaaag ctattaacat aatgaaacag aaactgcatg	300
acctttatca tgatatttnt agtagattaa gagatgacca aggtaggcca gtcaatccca	360
accactatgc tctccagtgt acccatgatg gaagtatctt gatagtaccc aaagaactgg	420
tggcctcagg ccacaaaaag gaaacccaaa agggaaagag aaagtgagaa gaaactgaag	480
atggactcta ttatgtgcag tagtaatgtt canaaactga ttattcggat cagaaaccat	540
tgaactgct tcaagaattg tatctntaaa ttctgctact tgaataactc agttaacgct	600
gttttgaact tacatggaca aatgtntagg acttcaagat cacacttggt ggcaatctgg	660
gggagccaca ctttcatgaa ntgcattgna tacaaaattc anagttatgt cccangaata	720
ggtttaccat gaaaccccat tnn	744

<210> 3952

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3952

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gcccattgca ttogaattcg gcacgaggct cattccagct ggtctatcgt gggcctcaca	120
aggtgaagag ggaccgcatt ctggggccca cgatngacca cctgtagctn attccatcct	180
gnaccttgn tgggggtag cctcccatg catcccatnc tgaatatnct ttgcaactcc	240
ccangantgc tnatTTaagt gttnatactt ttngagaaan tgcgacnatn caattgtgag	300
atctccnct gccattgcc tgntngnagg gcacctctnc tccaccnna tgganngggn	360
ngcagctnaa nggccctnan acgganctgn ttcatnaag atnacattac acngagnnga	420
gctaactggc ctgnatngaa angntnntta tgancnaagn nacaancttt ttaanngttc	480
ctganannac ttgngncnt agaacaatag antgtccaat tacaagatc cncacntgat	540
gcnatacnt gatgagcttg actacaccnc ngctttaatg caannncaa aantgccctn	600
tttngnaaat nnnacataca tncgttttan gantaaccat ncanaaagtt gnattanacc	660
angttgaacn ccncaatggn ccttcaattt taannggcta ggntnngctg anggtanagg	720
accgccnnt ntgtttgct cggccnggna atgggattgg ccct	764

<210> 3953

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3953

agagnnnnnn ttttttntc nactaatgct tggtactng ttctttctnc aggnctccag	60
cgattogaat tcggcacgag gtgatgctgg tgatcaatgg actggaagcc aacagcagag	120
acttagaccc aagaaggag cttgaggtag aagaaaactt cagggtagac aggaaggagg	180

cgtggtgaaa	gtgatgaaag	gggagagtag	aagggtggtc	cagggtcaga	caggagagtta	240
gatttaatcc	ttcagggcac	tttcattaca	tcatagctgc	cattttgtct	tttatctgac	300
tcaataataa	gtcagtaata	agtaatgttt	taattaaagg	taaagtcttg	gcaggtaggt	360
taaacttcat	tgagtcccaa	tcctgtcata	attattgtgt	atacctttct	cagctttttg	420
tctacttgaa	atatatttct	tcttcctttg	agcagccaaa	atggaagtgt	tggatgtggt	480
ggctctgttg	gtaggctcct	gttggatgcc	tgttgctact	cataaatgta	acaccacaac	540
cataattgat	ggcanagtgt	agttgcaagc	ttttaggact	aattgcaaag	tctaaactaa	600
aacatttctt	gganctgcct	ttaaataata	ataataatac	cttgtataga	tacagtgtct	660
tacaatttac	agagcacttc	cacatacatc	atctcattta	atcttcacaa	ttaacaatgc	720
nttttgaatg	cttagatatt	tcttangg				748

<210> 3954

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3954

agagnnnnnn	ttttttntc	nactaatgct	tggctactng	ttctttctnc	aggntcccag	60
cgattcgaat	tcggcacgag	gtgatgctgg	tgatcaatgg	actggaagcc	aacagcagag	120
acttagaccc	aagaagggag	cttgaggtac	aagaaaactt	cagggtagac	aggaaggagg	180
cgtggtgaaa	gtgatgaaag	gggagagtag	aagggtggtc	cagggtcaga	caggagagtta	240
gatttaatcc	ttcagggcac	tttcattaca	tcatagctgc	cattttgtct	tttatctgac	300
tcaataataa	gtcagtaata	agtaatgttt	taattaaagg	taaagtcttg	gcaggtaggt	360
taaacttcat	tgagtcccaa	tcctgtcata	attattgtgt	atacctttct	cagctttttg	420
tctacttgaa	atatatttct	tcttcctttg	agcagccaaa	atggaagtgt	tggatgtggt	480
ggctctgttg	gtaggctcct	gttggatgcc	tgttgctact	cataaatgta	acaccacaac	540
cataattgat	ggcanagtgt	agttgcaagc	ttttaggact	aattgcaaag	tctaaactaa	600
aacatttctt	gganctgcct	ttaaataata	ataataatac	cttgtataga	tacagtgtct	660
tacaatttac	agagcacttc	cacatacatc	atctcattta	atcttcacaa	ttaacaatgc	720
nttttgaatg	cttagatatt	tcttangg				748

<210> 3955

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3955

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aaaaaaagca	aacaatagga	agaggaacta	tataaaagga	acatttggag	catagaagag	180
agttcatgga	aatgtaaaaa	atgatggtac	cctgggtttg	atatagtaag	taaaaaacta	240
agggtaaagag	ggtcatgaaa	gcactctana	ntaggaggga	aagccagtca	aattcacagg	300
atgaagtcag	gaagataata	gagcantgcc	cgcangatcc	tgagggaaag	caagttccaa	360
tctataagtc	tgtaaccctc	acacctgatg	gccccctgaa	catattcagg	gcttcaaaag	420
attgatctgt	catgcaccgt	ctgccatgat	actgtgtgag	gatgtgttct	tcttcttaaa	480
cattaaatca	agaaagaatc	atcagtggac	ccagtnaata	ncanatcagc	ctaggataag	540

atgccctaga	agatgggtgaa	nggaagtctc	agaactactg	ttctttcanca	ggcagcnaaa	600
acacctgac	catattggag	tggtgggatg	cgagcttcag	gaaggggatgc	cacaagggna	660
aagtggaang	gatgatgact	gtcttcaaga	agttacaggt	ctttaagaat	ttacatccaa	720
cattactttt	gcttcgaagc	cccggctga				749

<210> 3956

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3956

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aaaaaaagca	aacaatagga	agaggaacta	tataaaagga	acatttggag	catagaagag	180
agttcatgga	aatgtaaaaa	atgatggtag	cctgggtttg	atataagtaag	taaaaaacta	240
agggtaagag	ggtcatgaaa	gcactanaaa	ntaggaggga	aagccagtca	aattcacagg	300
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tctataagtc	tgtaaccctc	acacctgatg	gccccctgaa	catattcagg	gcttcaaaaag	420
attgatctgt	catgcaccgt	ctgccatgat	actgtgtgag	gatgtgttct	tcttcttaaa	480
cattaaatca	agaaagaatc	atcagtggac	ccagtnaata	ncanatcagc	ctaggataag	540
atgccctaga	agatgggtgaa	nggaagtctc	agaactactg	ttctttcanca	ggcagcnaaa	600
acacctgac	catattggag	tggtgggatg	cgagcttcag	gaaggggatgc	cacaagggna	660
aagtggaang	gatgatgact	gtcttcaaga	agttacaggt	ctttaagaat	ttacatccaa	720
cattactttt	gcttcgaagc	cccggctga				749

<210> 3957

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3957

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cgattcgaat	tcggcacgag	aagagaccat	catctcatca	aagagagtta	aaagttagga	120
tggtctctgc	aaggcctctt	ctgatatgat	taattgattg	taaattaagt	aatcaaggca	180
tactttgttg	atttgtcata	tctgggtaaa	aggtttatgg	tttatttaat	aaatgaaact	240
gcaaaatcag	ttttctacat	ttctgttata	tttttgttaa	agcacttaaa	agaatttctg	300
ctctgtccag	gggcaagatt	cttgccaaga	gaattaatgt	gcgtattgag	cacattaagc	360
actctaagag	ccgagatagc	ttcctgaaac	gtgtgaagga	aatgatcag	aaaaagaaag	420
aagccaaaga	gaaaggtacc	tggtttcaac	taaagcgcca	ggtaagaatt	tggtgtatat	480
ttcatttggt	ctgagagcac	tttaagggtg	agatttaaca	catcacataa	ttattntatt	540
cccttttttt	ttcctttaat	agcctgctcc	accagagaa	gcacactttg	tgagaaccaa	600
tggaagaggag	cctgagctgc	tggaacctat	tccttatgaa	ttcatggcat	aataaggtgt	660
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ntagactntg	tgagtcgttt	acgtanaacc				750

<210> 3958

<211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3958
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 gagtctgatt atcacacggc ctggcatata ataagtactc tataagtatt ggctgatttc 180
 taataggtct gaaaatttat cctttagaat tttttcttca gttggttttag cgagtttccc 240
 tttgatgttg aaaatgtttt tttttaaaaa tctaacctag accatcccaa atcatgaatt 300
 actgttgtgt gaaacagtga gactactgtt tttatgccac aggtttataa ttatgcaaatt 360
 aaatactaca tctttgcatt catttttggt ttacttaccg aattttcatt ccaggaatgt 420
 ctgaatctga acaggctctt aaaggtaact ctcagattaa attactctca tctgaagata 480
 tagaagggat gcgacttgta tgtaggcttg ctagagaagt tttggatgtt gctgccggca 540
 tgattaacca ggtgtaacta ctgaagaaat agatcacgct gtacacttag catgtattgc 600
 aagaaaattgc tacccttctc cctgaatta ttataatttc ccaaagtcct gttgtcctca 660
 gaccttattg ctttaaaata taataatgnt ttcattactt ttattatttg gaatgattta 720
 gtaaaagttg actgaatctg gtt 743

<210> 3959
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3959
 agagnnntcn tttaatctna ntgnactctt atggcttggn tactegtnt tnnnnaggca 60
 gcccatgn gn ttccaatnec gcacgaggcc aaatgcactt ttgtgtatcc naagnaaaaa 120
 gangagaggn ctccgatgac catgcttagt taanggggag ggtgaccttt natatgcaag 180
 tngggaaatn caganaaagt gaaaggggnc canaatgaaa acacatgaaa taagataagc 240
 aganatgaaa ngnggcnceta gaactgtaag aagcatttga acaggcanaa cagtgtctgga 300
 gacttttagga gagggctcaa gctgccatgt ggccggctct caaatagttc tagaatgact 360
 agcatatctt tttacaaaac tatnagcaac ttgagggcaa aaataaagtn tatttatctt 420
 gcatccngaa naataaaacnt ggtgctnggc attnggtagg tnnnctttat gngtatatat 480
 gaaaagcata ttttcatttt attagaacat tgtggtaaaa attctattga aaaccatgct 540
 ntaatgtaga tagctcnact tanttcggan gttccaaact ttttngttca agtncccat 600
 tatgtctcta aaattggctt gccagtctaa aatacttant tnatgtnggt natgtctatc 660
 gatatttacc atttnagaaa ttaaaactga nagatttgaa accattnttt naaaccctta 720
 catgntaaca taaaacgtat ttt 743

<210> 3960
 <211> 726
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 3960

cttatcttct	aatggcttgg	ctactngttc	tttttncagg	atcccatgcg	attcgaattc	60
ggcacgaggt	gaccaccact	ccattcttgt	ctcctgtgtt	ctcgggttcag	accacccaca	120
aaggcagctt	caaagccaaa	tcctcaggaa	gggggatctg	cccggttag	ctagtacagt	180
gtcaggcaca	gtcagctctg	ttgaggggtg	tgacgtgagg	gctcagttag	gccacagagc	240
tcagatgtgg	ctatgaagac	tcctgggttg	tgggggatgg	cagttctcac	agatgagagg	300
tatggatggg	ctgggtgcaa	tgactcacgc	ctatgatccc	agccctttgg	gaggccaagg	360
tgggcagatc	acttgaagtc	aggagtccga	gaccagcctg	gccaacatgg	tgaaacccta	420
tctctaccaa	aatacaaaaa	aattangtgc	ccatgggtgg	gggtgcctat	attcccagct	480
cccaggagac	tgagcangag	aattgctcaa	accaggagc	ttgaggttgc	agtgagtcaa	540
natcacacca	ctgcnctnca	cttgagcgac	agaataagac	tctgngttaa	caaaaannaaa	600
aaaaaaaaact	cgagcctcta	naactatagt	gagtcgtatt	acgtanatcc	agacatgata	660
agatncttgg	tgantttgga	caaaccacac	tagaatgcan	tgaaaaaaat	gcttttattt	720
gggaaa						726

<210> 3961

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3961

agnngnnnnn	nntntctta	tntacttaat	gcttggtac	ttgttctttt	tgacggctcc	60
catcgattcg	aattcggcac	gagctgagtc	tccttataga	tgaggcagca	gaggcctttt	120
acaaatacct	ctcttggtcc	agttacacaa	gtcataat	actgagcacg	atggtaaaat	180
cctttaaaaa	tgtagtaaaa	agaacagagt	atgcataatg	aaaggaggag	attggggaaa	240
gcaaattaga	agtctatgca	ttctgtagac	agtgaagct	ggttcaagca	gaatgaataa	300
gaaagtaatt	taaaaagaag	gcatcactta	ttgactaagg	tcaaacagga	ggaatacaca	360
taaaaaccag	aaactaactt	caagcagaat	gaataagaaa	gtaattttaa	aagaaggcat	420
cacttattga	ctaagggtcaa	acaggaggaa	tacacataaa	aaccagaaac	taacagcaat	480
tatgatgata	atattccaaa	aaaaatcttg	agtgaagaag	aagaagaaga	agagtaatat	540
caaacccttg	tgataataag	tgccagggtg	gtagtattgt	ctgctattaa	agtaaatgga	600
tgttcaatta	tttaatttat	aattctggnt	tcattgtag	tcctttaagg	gaagtgttat	660
tttgatgttc	atctttacat	gtgaagaacc	ggttaagaga	gattactgat	tctccanggt	720
cactcactga	tggttggtgg	naattgg				747

<210> 3962

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3962

agngttnccn	tannaactcn	tgaaangctg	ggctacttgt	tctttntnca	ngnngcccat	60
gcgattcggg	aaccaggggc	tgcaaacct	ttccctcccc	aatgaggacc	ccctctggac	120

```

gccccctcccc atggagaaca ccaggagcca cagaccccag accacagagc acacagggga 180
gggcacgggg cgcccggggc aggggtgtctg ctgcctcggt tatgggattt gctccgcgtc 240
tagcacactg ctgcctgcag tgctcctgtc cccctgcagt gctactctgg gcttacgggc 300
ctaactctgg ttggcatgaa aatgtcctga ggctactgtg acaaatctcc acaagctgag 360
tggcttaaaag gaacacattt gttctcttac agttgcaggg gccanaagag tctaaaaaca 420
gtcagcaggg ctgggttctc ctggagctta gaggggctga atccgtttcc tgcctttttt 480
agtatctgga gggcgccctgc atccccctgc ttatggcccc tcccatcacc aaagccagta 540
gtgtcacatc tttcactctc cctgacctga ctncgccttt ctcttagaag gacctgtgt 600
gactttggac tactagataa tttagggtca tctcttcatt tcaggaacct ggaatttaat 660
cccacctgca agtncctttt gccaggtaag gncacaaatt cacanggtct tgaagatgaa 720
agatgttggg ccttttttga gggncatgat 750

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<210> 3963
 <211> 462
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (462)
 <223> n = A,T,C or G

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<400> 3963
tnttcatctn gcnnttggnc ttntngcacg atccctcgat tcgaattcng cagagacac 60
attcttccat ttgtcagtaa gagtaataat ttgactgttt tattggattt tagccttttt 120
gatttcatat agctgtatct taatatatca ttgttttttaa tatgtctaca ttgaatactt 180
attacttgtg caatgaaaaa taataattaa agatgaaagt taagcctgtt accactttca 240
gagaacaacg tgacgtttttg gaatttataaa ttttttcagt agatttgaga aaaacttggg 300
ttaaaatgaa gatttatgct cagaactgag attccagggt ttaagtctgg ttttaaagct 360
gtcttcaaga ttttaatgta ttttctgtgt gtataggatg ctctcatttc tgttttttaa 420
aatgaaaggg atcgctcctg taatcccagc actttgggaa ga 462

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<210> 3964
 <211> 828
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (828)
 <223> n = A,T,C or G

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<400> 3964
ccccctttnt ataccnttcc tntactnngn tcttttttgc ggatcccatc gattcgcttt 60
gtcccaatat ttgtgacacc agtgtaatga cttgggttaag ttgggttgac caggttcctc 120
cactggncag gttatacttt ttcattctgt aattaatgta tcgctatata ttttatatac 180
tttgaaactg taaacatctt gtccctcatc aaccttcacc tactaatttt agcagtcatt 240
gctaattttt taaactccca ttctttctac atttagtagt tggcattcta ctataaggaa 300
gaattttccc tttttcotta ttgtgtgata cttatttatt aatatttatt atttattaat 360
atatatgcaa gtatagacac ttgcattctt attgtattca gtggattatg atccattgct 420
atttttctgt tgggctaaat tgccccatat tccatcagtg ggaatgcctt caagttaact 480
attgtgtgcc ttgacatgt gcccaacatg gtgaaaccca atctctactg aaaatacaga 540
aaaattacct tagcatgggt gtgtgtgcct gtaattccag ctactctgaa ngctgagtgg 600
ggagaatcac ttgagcctat aaggcanang ttgcaatgag ccnagantag cgctactacc 660
actncacct tgggtgacag cgtgagaacc tgtctcaaaa aataaaaaaa gaaaagagaa 720
aaaggaaaaa aaaaaaaaaa aaactcnacc ctctanaact ataggggagg cgggtattacg 780

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tagatccaga catgattaag anacattgat gagtttgggc naaccnct

828

<210> 3965
 <211> 810
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(810)
 <223> n = A,T,C or G

<400> 3965
 ttnattccat cagctcttgt tctttttgca ggatccctcg attcgaattc ggcacgagat 60
 agtaaaattag tcatagaaag gcaaaactcaa ataactttga acacagctct ttgactatcc 120
 acctgtgtgt aaacaaacaa aactacaaag aaattttgta cttcacttag ttggtagtga 180
 tctggtatag caattctgaa aatattttct gtgtattgta ggattaaaca aataagtaaa 240
 tataatgata ttcttgggag ctgggaccc cactatgaga gaagaaagat aaaaatattg 300
 agtgaaggaa ggcaaagaag agctccatga attggaatga gagattccac agattactta 360
 ttaattacaa agataaaaaa ggaaccttta tagtggagaa acttggaac ttggtggata 420
 acacaacttt tcgttttttt ggagacagag tctcactccc tcaccaggc tgggtctcaa 480
 ctcccgcact caggcgatcc acctcaaagt gctgggatta caggcatgag ccctgcgcca 540
 ggccattttt taaaaatcag atctctcctt tgctccaatg tttttatcat ggaaagagac 600
 aaatcactca tattttcttt ttncagacaa tactgctttc tgtggtgtag cccaaaagac 660
 tcgtcttttn catgttcagg taattttattc tttgggagag cactgtaatc atatatcaat 720
 cgtatttttna aagtgacttt attatttaat gtcaagaagt nccttggttn tgaaagtagt 780
 tttttttaat taaaccgcca ncagatcnat 810

<210> 3966
 <211> 857
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(857)
 <223> n = A,T,C or G

<400> 3966
 ggnnnccctt ttgaaacccc ntaaagctac ntgntctttt tgcaggatcc catcgattcg 60
 gaagaaactc ccatgaagtt caaaggagca gcagatatgc aggggtgcac tagaaatgaa 120
 aatctgaccc tttgtccctc tctttttcat ctctcttttg tacaggcctt ctttccttct 180
 gtgcaaacag acccttgtea tagtcatagt ccatcacgct gttaaatgat ttccagcact 240
 gctctatgat gtgctgtaat ttcagggagt agtttatttt ctacaacatg ttgctctgta 300
 gcacgtgtat ttcactactg agtggttagt ctaatggaca tattcttaac aaaatagtcc 360
 cagcattaca gaatactagg ttagaataca tacccaaata aataaaatgt tacagacaca 420
 gtccaagctc gttctctcct gacttncttt cccccgctac agaggaaaaat taccgccaat 480
 tggcacatct cattcctatg cactcttggt aaaaataact tatagtttgc ttctgaattt 540
 atagaaatgg gcactataat ccatatgtct tttgaatctt tatacatttg atttgagaa 600
 agtattttatg tttgatgcca tgtggcttta ggncaattat ttaatttttg gttatttttt 660
 tgagatgaaa gtctcggtct ggcacccagg ctnggagtgac aaatgggcac atggggaacct 720
 ttgncctccn tgggggttcna agcaantctt ggtcttcata cctgtaantc ccancacctt 780
 ttaaagaagg ccnanggcg nggggaaggg atcaatttgn gcccccttgg aattttggag 840
 gaccnagccc tggggct 857

<210> 3967

<211> 814
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(814)
 <223> n = A,T,C or G

<400> 3967

ttccatcaag	ctcttgttct	ttttgcagga	tcctctgatt	cgcttcagac	ctgtgtttta	60
atcttagctc	tgtgatctgg	tagcttttga	ccttgagtaa	attgcctaata	gttactcagt	120
cttagtttcc	tcatcagaaa	agtggtaagg	atgataaagt	agttcataaa	cattcattga	180
gcactaagta	tttgcaagat	actggaggta	taaagatgaa	taaaacactg	ttcatgtctt	240
tgaagacttc	ctagtcaagt	ggtgaaatta	aacataaaaa	caggacattt	taatattacg	300
tgcaaagcac	atagtgggca	atgtgttggt	ttgaagaagg	atctttgagg	aagtgggaagc	360
tgaactgcag	tttgtagaat	aagtaagagt	ttagtcaggc	aaagcagata	gacaagggtca	420
ttttgggtgg	agcgattaat	ataggcaaag	tcatgcaatc	atgaaatagc	atgatatgta	480
tgtgaaataa	gagtactttt	gcattgtagg	ggcattaaac	aggtgagcag	tcactggaga	540
tgagattgga	atgggtgggca	gggcctaagt	ccctgagctg	caatgtcatt	gaagctgagg	600
acattgagaa	tttaaagaga	tagagttagt	ctgnngcctt	tgctcataac	ttcatttttg	660
aaagactaat	gtgtgacatn	ccacatttta	ggggtaggaa	ggcntactgg	aaggattaac	720
ccaaagttag	ntagaaactg	ggagaaagan	naacnccctc	aaaaagttgc	ttgagagcta	780
aattaattga	atgtggcttg	ggaaggatca	atct			814

<210> 3968
 <211> 825
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(825)
 <223> n = A,T,C or G

<400> 3968

gattcccata	caagctcttg	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
ggaaaagtaa	agagatcaaa	atgattttat	atgtattttt	tttgtactca	gagaattaca	120
ttttcactac	ccccgcctgt	ctcaggggaat	agcctttgat	aagaatccca	tggagatctc	180
tggaaactcta	ttacagtgtg	ttcagatttg	ttagttcata	tgtaaatttc	agagctagag	240
cttcaaaact	agagtattgt	aatctcagga	acataagatt	atccaagaag	cctgaacctt	300
gctcttttca	tgataaatga	catccaaatt	tcctttgtct	aggagataag	catagatccc	360
ttttatcatg	cttctctgag	attttcacag	aacaaccctg	caatttgatt	ttgtttgata	420
atctttgctt	ttggcttttc	agtgaggact	ctattttcca	ttggaactga	ctcctttggg	480
gataataagc	tttcacttaa	aagaacattc	cattagatag	ttctaacttc	aatgaaccta	540
aaagtggctt	cttaatttga	ataatctgga	taacttttgc	aaatgggtca	aaacagcaca	600
agtattatac	atcaaataaa	aagttcatta	caatatttgt	actcataaag	tcaaaatctg	660
accctgggtc	gctttgtgcc	tctgtcagcc	tacttacagg	ggataaaagg	tncacaccaa	720
gtccagtggg	tgccaangga	gctttgggtta	ttagaaaaga	agcctgggtc	cccctcagtt	780
ctatgccggg	gggggggggc	ccgggtnggn	ancatggccg	ncatg		825

<210> 3969
 <211> 877
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(877)
 <223> n = A,T,C or G

<400> 3969

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ggcacgaggc	aacaaaagca	tacaagatct	tttttnagga	agtggaggag	ctgcagggac	120
cgaccgggag	ctttcccagt	aagcatcagt	tcanaaaaca	atttaagtaa	agaaatggaa	180
tctgtaatga	aagatataaa	aaataccact	cagaagaaat	atagagacta	tagcaagacc	240
ccgggctcac	cagacaatga	ttttctcttt	atgtactctg	ttgctagaac	caatttagaa	300
cttgaattga	ttcatcgagg	aggcaatttg	tgttcagggtg	gtgcaagcac	agctggcaaa	360
aggtcttggt	taaatcagct	gtttcatgta	ttagccttgc	acatgcggct	ttatagcatt	420
gactctgagt	ataatccctg	gagaaagctc	acccagttag	aagagatgaa	tccacagctg	480
ggatatgaag	aacaacagcc	tgaggttcca	attctttatc	atgatgtaca	tcccttttgc	540
tcacccagat	cttaatgatg	ccacaaccct	tacgcaaaaag	accactttac	ctgcattgtg	600
aagggtctttt	taccctactg	tacacacagg	ctcttgcagc	actctcaagt	taaaatgcag	660
ccgaagaaaa	tagggtcagc	cctgggaaac	accccgaggag	cctcttcaaa	aaagaagtac	720
cattgtggat	ggccagaaaa	agtctttacc	gaaagtattt	aacttgngg	ccttttggtg	780
gaataaaggt	ggnaacctat	ttttaaaaag	ggaaaagttt	tttcccctg	gaaggaaang	840
gnaccttcag	gggaatggtg	gccaatnggg	tttaacc			877

<210> 3970
 <211> 912
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(912)
 <223> n = A,T,C or G

<400> 3970

ngncttgnnc	cttgaaaccc	ccgnentggc	ggaccctatcg	antcgaattc	ggcacgaggg	60
tcancaatan	gcannccttt	tnnatecngg	cgagagacac	gccaataggg	ggnatttaga	120
nacgtggggc	tccannnatt	ttctctgggg	acaagctcat	tccttctca	ttttctcaga	180
actttgggtg	taacagcng	ttgcctaatt	tgtaggggct	gactttgact	nagcagatgc	240
cttctgnaga	tggaggaaat	aacgacccag	cnccttttaa	ttcacccaag	ctgaaaccaa	300
atgcgaaccc	ngagcagcct	ggattcattg	acgagccagc	accantgaac	ccacccaaac	360
caaagccaaa	tccaaaaccc	caagccggcc	tgaattccac	cgggggatga	cttttgatct	420
ccacagangg	nntcttcatg	gggaacnaaa	aacaggggan	gntgcactcg	attnctggaa	480
gtgggtatgc	tcaggagcna	ccgtgnantg	tantncance	cactentcaa	atncataaac	540
tntgggagan	tccttcaatt	cactgggcaa	ancntatgc	cntaanngt	anncnctgan	600
gggaggctcn	tncantgcaa	aaanccaaan	atccaacctn	gggaagaatt	caagtcaaag	660
acccaanaag	gaggecnngc	aatcaagnct	ccttggnac	cgaatcnttn	acangncann	720
gcttaccng	gganggcacc	ntatggcnga	anctctgtgg	ggggcaaac	ctcgtgggga	780
cctnccntgg	nttccccagg	gggtgcncac	anatattang	cacctnantn	ntttanctgc	840
ccantgngcg	tntnttatgg	aanaaaagna	aatcaaaaaca	tgnggganag	ggaaacccan	900
naaaaaaaaa	cc					912

<210> 3971
 <211> 816
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(816)
 <223> n = A,T,C or G

<400> 3971

ttgattccat	cagctcttgt	tcttttttgc	ggatcccatc	gattcgctac	gaccccatca	60
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agtgagattg	ttccacagca	tgtatattat	aaaacaaata	ttaggcagat	agcttataat	180
gactttttta	tatttatatt	ttcattttat	ttataataag	cagacattgg	gacaagaaac	240
ttctgaaaat	atttatagtt	ctctgaaaga	aggtgtcttc	ccttccttct	gggagttaag	300
gaatgttttg	acaaggaaga	aagatgggtg	aataagagtg	tattgtatta	ataactaaca	360
ttaattgaat	atagaatatg	tactaggggc	tgtaaaaagc	tctttatatt	ggattatggt	420
atttaattct	caaccttatg	agcctgatgc	tattaatgcc	tctattttat	aatgaagaa	480
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ccccagagt	atcctctccc	tangtgcaga	gcaaagttnc	aaggggcttg	gtatgcacca	600
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tggaagaaaa	aatagtcctc	accagctatn	gctatnggtn	cctgtgcatg	aacctgagaa	720
gaaagccaag	cgcctntaaa	agatgtagag	tccaaacctt	ttgctgcagc	ttcctntgaa	780
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<210> 3972
 <211> 817
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(817)
 <223> n = A,T,C or G

<400> 3972

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tgaagacaac	gcaaacttca	aatgctcctg	atgtaaatga	tgcaattgtg	aaactattca	180
atgattttga	tgtaaggaa	acctcccatc	atttagtgat	ttctcatcta	gatctacaca	240
tatgtgatga	cattcatgct	aaagaaaaag	agtcaaacag	acgtattact	ggaggggcaa	300
tgcaactctc	ttttacacag	ctaactatag	attattatcc	ttatcataaa	gcaggagata	360
gttgtaatca	ttggatgtat	tttagtgatg	caacccaaaac	aaaaaatgga	tgggccaatg	420
agttattgca	tgaatttgag	tgcaacgttg	aaatgcttaa	acaggctgtg	aaggatcata	480
atgtangttc	acctcctaaa	tccccaacac	atgacctntc	ccagcacaca	caaacagaga	540
aggactccct	ctgaaaggga	catgcagaac	accttcagta	ttatctcaac	aatcaaaagc	600
taagctaattg	tctagtcttg	gtgtgggtag	acttgcatg	ttcaatatat	cccaggtctt	660
ntacagcngg	acaatgtcgn	tctttccccc	aaaaaccatg	atttgctgca	ataaaaaatn	720
cctttntntt	tccacaagaa	aaggtcagct	gtctttttta	gaattcacca	gaatntttcc	780
tattccaaat	gggaaaggat	ttttccaant	tccatct			817

<210> 3973
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 3973

```

attcnaatca gctcttgttc tttttgcagg atcccatcga ttcgaattcg gcacgagcaa      60
agccatatac tgggtgaatat atactgggtc aagcaccaca tggttagttt ggaatgtgta      120
tttcccagcg aatagaattt actgctccaa aaagcttttt tggcataaat cacaatactt      180
acagaaatat aattgtatca ttgaaaaaaa caaagctcac ctccctaattg atacatttca      240
caaactgcac attagggcaa tttcttactt atgaggaggt caaagaaata ctctgtcaat      300
atagtataac tgcttatttc aaattgtatc taggaatgaa taactactat tatttaaagt      360
actactgaat tttgaggaac tgatcaaaga attagtatta ttaataaaat tgtactattt      420
gcaatatatt tgccttggca caaatgcaga gttaaaaaca taaaattata aaaaaaata      480
atagtgattg gttgttacta ctttaaaatc ctactaattt ccattagcac taaatcaaac      540
agcacttata tgttgtatac aagtaaaatt ttgaaagact cngacacaaa atgaaangct      600
ttttaaaaat gtctttgcca taacanggta tatgacctct tgctaattgg tatatttctt      660
tangggcact ttgaggctct ttcaaaagac atctgcgcaa ttagggctta aattagaagt      720
agaaatattt tggcngatnt ttactatntc acaaaaaggc ctacctactg gntttataat      780
aaaanccaat tctcaagtnt tctn                                           804

```

<210> 3974

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3974

```

ttttgaaacc catcanctct tgttcttttt gcaggatccc tcgattcgtc cacacctcac      60
gttcagtcac agccctcagc tatcttccct ccggccactg ggctacctct ccttcagtcc      120
cagaagacaa gtctcaccaa cccagggagt caaggaccag caaaccaaag tggataatgg      180
actttttcat tcttgttttt cttggcagga gagaagcaag gccactaaaa gaggagatgg      240
tggagacgga ggctcagcag tggctcttgag gggtaaagga cttagatgcc cagatgaaga      300
gggaaagctg acatctgcag ggaacccact ttgaggctga ggccatggca ggacagctgc      360
tgtgggggtg agaggcagaa gatgaaattc ttagtgatcc agaggttctt gcagccatgc      420
aggatccaga agttatggtg gctttccagg atgtggctca gaaccagca aatatgtcaa      480
aataccagag caacccaaag gttatgaatc tcatcagtaa attgtcagcc aaatttggan      540
gtcaagcgta atgtccttct gataaataaa gcccttgctg aaggaaaagc acctagatca      600
ccttatggat gtgcgaataa tacaaccagc tgtacctctg ccttntatca aganacttgg      660
gtgctttgaa nataatcctc cccttttccc caaatgcagc tgaacattta cagtgggttg      720
ccttagggat tcattcaata tgtttcctac taggaatcca actttaacat ttttaatctc      780
aatatttat                                           789

```

<210> 3975

<211> 871

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(871)

<223> n = A,T,C or G

<400> 3975

```

ttcccatata actacttgtt ctttttgcag gatcccatcg attcgaattc ggcacgaggt      60
tgggcttaga agatgggggt gagtagggag agagggtgct gcctgggagc tgagccatac      120
aagtgactgc acaggttgac atggaggatt aggtggagtg aggcttccaa gcagggaggg      180

```

```

gaatgatggt gggggcccaa tgaggagcca catcgaagta gatgagagaa tagaagggtga      240
agtaagggct ggcgttgggt aggggggagac gccagcagtg atgctgatgc ccaggctgta      300
ggtgtatagg tgccatccac ctggtaaaga gagagctgta ggcgaggaat gaggttgcac      360
atgtagaaga agggaaggat acaggggaga gaagtgtctt ctagtcctaa aaaacagcct      420
gtgggctggc atggtggaac aaacctgtaa gtcccaacac ttcgggaggt caaggtaaga      480
ggatcatctg cttgacccag gagttcaaga acagcctagg caacatagta agatcccatn      540
cctacagaaa aattaagaaa ttagcccgga tgtcgtggca cacacctgtg tgtctcanct      600
tacttgggga gggccgatct tttggagccc cngggaaggt caaagtcttc caatgaccnc      660
cattgatctt tgcccacttg gactttttaa ccttggggcc aacttgacnt gnccaacct      720
tgtnttttna aaaaaaaaaa aannnnnnnn naacttcgaa gcccttttta aaaacttttt      780
agtngagttc cttatttacc cttanatncc caacccttgg ttnaggatcc catttgattg      840
aattttggga ncaaaaacccc caacntttgg a                                     871

```

<210> 3976

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3976

```

naaanaaaac ncttttnaaa ctaccgggtc tttttgcagg atcccatcga ttccaattcg      60
gcacgaggcc taaagtaact gaagatccat ctnttcgtat acgtgcaagt cacaagggat      120
gcgatggctt ggcttgggct cagaggcctg acactagtta ttataaaatg tactttcagc      180
agtcttcttg gacttgacta ccttgtggat tgtactagaa atgtcaggta tggtgactgc      240
tctgcccacc actctaaatg aaactgtccc cccacagtct ctggtgcccga ggtgtcctat      300
gtccctcgtc acagctgaat ggaccaaggc agatgtgcta tcaaggacag ccaatcacia      360
gtgagcagta atctctgata tgctttgggt caaaaagctg agttgagtca acagttatct      420
aaatttggtg gcagtcactt ccgtttgctg gggaatggcg tggtgagggg agattgatat      480
aagttacctc atatctgggt tacatggata tatatcctac agttgcttaa aatacatttc      540
angattcttt ggtttgcagc atgtgttttg gaaaggacag ggagaggaaa ttaagaagtg      600
gagtgaatc caaggaccct tcacctgccc aaaaagtgac gggcttcttg tgtcaancag      660
gtgacagctg gcaaggcttt gccctgangg tcgacagaca aaacaagcan tgcacatagg      720
gaagacacaa gcaagggttg agctcnttgc catatanagc tgcattgnaaa agcttaacn      779

```

<210> 3977

<211> 1005

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1005)

<223> n = A,T,C or G

<400> 3977

```

gatcttctgt catttgcttt tctgagtttt ggccctcctg tcaatctatc tggtcggggt      60
tacttttctn catcttcaag caggggtgtg tcttcaagca tgcattgtctg tgnnttgatt      120
cggaattgat aagttataat agaagcatga gctgctggga aaatataacct cctgatttgt      180
gtggntttat ttgttcatct tgcaggtttt gagtagtttt tggtggaatgt gttgggagat      240
ttnaatgtta cttanctggg attatctcta ctactttggg ggtcaatatt gaattttttc      300
actgaatccc agcccaacac tntntttttt tttggcncta attncntcga aaaaaaatgg      360
ngtttggtt taagaataaa gangaaaagt nntgggtttt ttagccaggg ttcttgcct      420

```

```

ancaggaaaa aggcttttgg ttccttaaga aaccccatan ccaatttggg gaaattttta 480
aaatttnaaa tncaaaaagg ccctttatat ttattgggaa aaccatcctt ggccttaata 540
attnaattcc nggcnaaatc ctgggaaaat gggaaaaagt ttaggaattg gaaaaaaaaa 600
aaaagnaccc nccgggntnc ccaaccaa ataaaaatccc ccccccaaa aaaaccangg 660
ccatagaccc cacctctggn aaatttcnaa aanggggggccc ttttaattaat aanggggggg 720
naaaaaaanat ttttcagncc ctnttggaaa cccntttggg ggngggcccg natttacng 780
tnanaaatnc cccancctt ggaattaagg aatncatttn ggggtgganan ttnggggncca 840
aaaccccccna acttnggaaa tgccaaaggg gnaaaaaaaaa angcctttaa tttgnggnaa 900
aaattggggg agnccaattg gctttaattt gggnaacctt ttataaagcc cgcanttaaa 960
acaagggttaa cncnccccc aatngccatt ccattttaag gntcc 1005

```

<210> 3978

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (790)

<223> n = A,T,C or G

<400> 3978

```

tttnnnnnnn nttnnnnnnn ttttgaatnt gaaanccttn anacaageta cttgttcttt 60
ttgcaggatc ccctcgattc gaattcggca cgagatataa aagcgtttag aanaagaagc 120
aaaagagacc cgcacattcc acccaggagg ggcattggaga aagaacagtg agtggaagga 180
aaacaggctc gtgctgcctc aagcatagag gtctttctat ggcaggcacc cggggcagcc 240
aaaaggacac tgtccacagc caggccagag tctanctgtn acacacatan gcagggtgtgt 300
tgcatacctc aagcatgcgt tcacgagttg tnatacttaa gngaatttgt ttttttacag 360
naacaacctc tagttccatt taaaaaggga tngttattta attttaatta aaacatatag 420
tagntgtttt ctcacttttg tttatgtatc cattttcaac agctttgttg aggtgttgtt 480
tacacacctc caaattcact ngttttaagc atacaatnta ataattttta gtaaatccag 540
aattgcgcaa acatcacaat ctantaatag aaattttctt tcaactccaa agaaacctgt 600
gctctattta gcaactccct gttcccgcgc agtaagccca tatgtgggca aaagttgact 660
ganacttgtg atttttaatt gaaatatcac aaaacttatt gcattttttt tttgagacgg 720
agtcttgctc tgtcgncccc agntgngggg aaggggctnc ntnccccnn ctnngngnnn 780
gngngncnt 790

```

<210> 3979

<211> 462

<212> DNA

<213> Homo sapiens

<400> 3979

```

taacatcagc tcttgttctt tttgcaggat ccctcgattc gaattcggca cgagcctaga 60
cacctcgatc tggggaaagt ctttaagtgg tggagcccat gacatttggg tatgatgact 120
agattttttg tacagctgag cctcaataaa ctcatgcgta cacttgtgag aactcaaacc 180
agaaatgggc acagaaactg gattacattt ctgtgctctg aaatcccaca gaggttcataa 240
aaatacacat gtatacacia aagcaacaaa tgtaagttac attttattat ggaaattgat 300
attagtgaat ttgacagctt tctatgggta aagattatcc tgtagggtgag ccaagggtct 360
ctgtttttct gatttctctt attcattccc tataatttca gcattttcgt tctcattgac 420
ttaatatctc tgagggtatt attgtgaatg tctttgttta tg 462

```

<210> 3980

<211> 475

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(475)
 <223> n = A,T,C or G

<400> 3980
 acntngatca agctacttgt tcttttttgc ggatcccatc gattcgaatt cggcacgaga 60
 tcttttaaaga aagcatccac agtttctgtg ccatttcatt gacaggtttt attttaaagt 120
 gtagaccatc caacagaggg ataggagct gcagcgggtg gctgcttaga ctcaaaaaga 180
 gaantctcgc tgactcatgc aggttgaggt tttgtctcat tcccaggaat gcttggactc 240
 ccagaggcag tgaagccaca catttttagca gaattacctc agcagtgtgg tgcattgatca 300
 tgaacttcaa gtttacctac aaggaagatt tcattgtcct tctgtcacta gccaaacact 360
 tcacagccta nactcctgga ctacataaag gccatacaa aagtgtttgt gtgcatttgt 420
 gtatgtgtga gtgtgtgtgt ttgcagtggg agaggacact tatctttgct ctccc 475

<210> 3981
 <211> 460
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

<400> 3981
 ttcattactc ttgttctttt tgcaggatcc ctcgattcga attcggcacg aggcggagct 60
 tgcagtgagc agagatcgca ccactgcact ccagcctggg tgacagagcg agactcctct 120
 cgaaacaaac acaaaaaaaa gtttcaaaga cagaaagtgg aagttacaag gctttttaag 180
 gccttatctt ggaagtcaca gcancattta ttttgcattc cattgggtcaa actcaagtcc 240
 taacaggcct aaggggggtca agtaaaagggt gggactcaca ggaagttcca tatacattac 300
 agcttcactt gcagtacaga ggggaaggga aatcctactg ggacagaacc tcaagtagca 360
 tacctgggtg tatattgtgc ctggaagaaa agatggccag aagtatagat ctatagatgg 420
 atgggtgatt atggatgggt tgactggatg gtcagggtt 460

<210> 3982
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(463)
 <223> n = A,T,C or G

<400> 3982
 cttcgtttga ntcccgttcc aangcaggag cccatcgatt cgaattcggc acgagacttt 60
 gcatttgctc gttttgttca acttttccct ccttctctgc ctgccaaaga aactgtaata 120
 actgtaataa ttnttatgac tttctcttca atgacagtna tcttccttta ccctaattcc 180
 ttcctctctc atccttcaaa tccccttccat catcattcaa agnctaaactc aagctagcct 240
 ttcctcctta ttttcccctt atctttccaa tccgtatgga gatttctcac ctttccgtnt 300
 ngagggtgcg ccagaatggc gaggattaaa ttgtaattgc tntntaatag actgntgtgt 360
 cngccacta gatttcaagc tctctaaagg tnaaagctnt ttctnacatc anaactngag 420
 tcttttatgg annntnncac atcngaaggn cnnnanttat ttg 463

<210> 3983

<211> 457
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(457)
 <223> n = A,T,C or G

<400> 3983
 tattcatcaa ctacttggtc tttttgcagg atccctcgat tcgaattcgg cacgagtcta 60
 gctcaggggc tctcatgagg ttccagttat gatgttggtc tgtactgtgt cgtctgaagc 120
 ctggctggct gaagcatctg ctccaactc actcatgtgg ccatttccca gagcccgatc 180
 ctactggct ttttgccagg gaggccttaa tttcttacat atgggcctct ccatagggca 240
 gcatgcactt tgcagctggc ctnccttaca gtgaatgac caagagagta tgagagagtg 300
 tgccacaatg gaagccagg atctgttata acctcatctt agaaatgata taacatcact 360
 ctgcatatt ttgtcagttg cacagacccc tggtagagtg tgggangtga caacacagga 420
 tattaatacc aggangcagg aatcattggg accgtct 457

<210> 3984
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 3984
 ttccatttag ctacttggtc tttttgcagg atcccatcga ttcgctacga tgaccccctc 60
 ttcaggctgc catttggttag agggnnaggg agtggctagc catcgagtna gaccatgctt 120
 tgcacccacc atcagcaagg ctcaagatag tgccctggcg gctcagaata agccttccct 180
 tctgcaggga tctcatctcc atctgtggga accaggtntg aggcctctgaa cagntcctgc 240
 tctggcaaga cacctccaca tctttctccc tcaaacatcc atagcctctc tgccatttta 300
 tgcttctggc acaccagaaa taatatcaca atgccttgca tcaactgaccc ggctggataa 360
 ttctttttca atatgtcctn cttgcangca naagatcttg ccanaagact gagaaccag 420
 ncttccaaga tggccacagc tgcaccaag atcacaangt aattg 465

<210> 3985
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(463)
 <223> n = A,T,C or G

<400> 3985
 attcatcagc tcttggtctt ttgagcaggat cccatcgatt cgaattcggc ncgagattcc 60
 agcatccatc acagataaca gacagcacta ttcatgaaat cccaacaana acacacgcc 120
 agttcccata tacaggtgca nggcattgctt catttaccat tgaatttgat gacagtaccc 180
 catggaaggt nactattaga gaccatgtga canagtttac ttctgatcan cgccacnagt 240
 ccaanaagnc ttctcctgga actcaagact tgctggggat tcaaacanga atgatggcac 300
 ccgaanacaa anttctgac tggctagcac aaaacaaccc tcctcaaatt ctatgggaaa 360

gaacagaana tgattctaaa ngcattaaaa gtgatgttnc agtgtacttg aaaaggttga 420
 aaggaaatna acatgatgat ggtacgcaaa gtgattcana gac 463

<210> 3986
 <211> 464
 <212> DNA
 <213> Homo sapiens

<400> 3986
 cgtcattcag ctcttggtct ttttgcagga tcccatcgat tcgaattcgg cagcagatca 60
 tctagaatcc cagcagtttc cttaagttgc ctactgtcaa ttttccattt ctctcgtcca 120
 aattcacatg gagacatcat ttttacacac ttgtaataca ttgtaggcgg agtctggggg 180
 tcttagcact tcccctaaca tcatctcatg atacttagac ttttaaagaa cccttgagta 240
 ggccttggtga taaaggatgt tagtgaaaaa aataatgaga aacagggact tggcttagag 300
 aaagaagcct gcgtcagatc agtaggcccc cctggggctg tggaagcatg cagaaggtcc 360
 cttaggaagt gatgttgga atggccttgg gccagccaag ttatttctct ggacctcagg 420
 tcacctatct ctgaaatggg agcattgaac tggctgatcc ctga 464

<210> 3987
 <211> 458
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (458)
 <223> n = A,T,C or G

<400> 3987
 nccttctctt ctgttcttt ttgcaggatc cctcgattcg aattcggcac gagggaaaac 60
 ggaaaaaact caagagtgan aactaagtgg tgtgtgaaaa tgtcattgtg cctgggtggt 120
 tgaagtcatt aaatcagaga gccaaaantn cctancagag tggancgaaa aangaccggn 180
 cagacagtgn gaataatata tcatgatgtt aaaancaact catatgatgc ttgtaaatgt 240
 ggaaactata actntccctg gaggggtata nagatgagtt caattaggag ggaaactgag 300
 tgacaggagg acaaaattgg aaggagatt tttactgtat aactttgtat cttttaatt 360
 ttgttccagg cgcatttatc atgtattcaa tgcatttaaa cagaagagga gaaggacggc 420
 ccatangata taactattgg ttaaaaccat cttgtctn 458

<210> 3988
 <211> 457
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (457)
 <223> n = A,T,C or G

<400> 3988
 gnaannccctt tnccnnnnn ttttgcagga tcccatcgat tcgaattcgg cagcaggcaa 60
 tatgtagtgtt gccataaaan gaatgcattg ctattctttt tccatagttc ttcattaatg 120
 agacttgtag ccaagaatag aattggaaga tnccatctcc tgggtagtc aaaaaaaatc 180
 tccttgggta atactggaan canctaattt tccataattg gttggtccct ctttaataata 240
 aaatnctatg ggaatnactc tttagtagtt ggcttggttg gaagctctgg gaggagcaaa 300
 gcancctctc caggtgactg gctgactttc cacctgaagg agtattactg caagaattac 360
 aaagcaggta ggactctggc ttttgatgag caaatggntg aaaagtgcct ccttcccagt 420

cttccttttg ccttcatttt agtttaaagc ttgaagt

457

<210> 3989
<211> 471
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 3989
aagnnacttn tttgaaaccc ccngntcttt ttgcaggatc ccatcgattc gggcacatct 60
tctactagct aacttgggcc ttttttttna aaaaataaaa cccttgcgta gttctccctc 120
aggggatgcc taggattttg gatgagaacg tattggctca atgtgagtgg ggcagtggca 180
ggcatccatt tcccttcccc ccattctgnc acaggtgccc atctgcctgg cagtanaatc 240
cantgctcat gttggtgact ccagagcccc ttccttgctg gtgcctgcct gangcattgg 300
tgtatgtggc gtccctgggaa ggggatttta gttnaatgaa tgatacgtac ctcttgcttt 360
cctgggntnt gcgagcttta atcccttgat ngctctgntgg gaggcttgan agacanactg 420
ggaactgtgt nagaaagcat gactcgtatn ncgattgnan ngaaatnanc t 471

<210> 3990
<211> 466
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(466)
<223> n = A,T,C or G

<400> 3990
tgnttngant cagctcttgt tctttttgca ggatcccatc cgattcggaa taagtgaatt 60
ggaagatagc tacacagaat gaagcataga agggaagaga tggaaataca cagagctaga 120
gggtaacaca ttgatgctac agacagaaca cctaacatac ttctggagtt ctgtaagatt 180
agaggagaga aaatagagca agagaaatgt tgcaaggatt tttccaaaag gtataaaaatg 240
tatccctgaa tatattttta gtaatctcaa cttcaggcat gataactaaa accaaattaa 300
cataaaataa tacaggacgc aaaagaccaa tagaaaatct gaaaagtagc tagaggtaga 360
agatagagta tgttgaaaag aactgtattc taaatacaac ctgattttta cagaaaacat 420
ggaagcagga attcaatgga ttaatgggaa tcatgtcttc aatgtg 466

<210> 3991
<211> 778
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(778)
<223> n = A,T,C or G

<400> 3991
ggngnnntnnn ccccttgaan cccttaatac aagctacttg ttctttttgc aggatcccat 60
cgattcgaca gggtagtgca tgtgacggtg tccaagacgc acagcagatt ttcattcaca 120
aaaaaatctg accacaagag ctaaacggaa ataccttccg ctgtccttcc caagtcacag 180

1235

agcaaacacc	tcagttccca	ggggtccgca	tcagttcttg	tggaggcggt	gactgtgagc	240
gtgaccagct	gggctaatto	gtcctgacat	ttagttggga	cagctatagt	ttcctacctc	300
tatgaccaga	gagtgaagcg	tttcaactgaa	gaactgtggc	cggcgtctcc	aggaaaggaa	360
ggagcctcgc	tttctccagg	gcaggggcag	cgtggggcgg	ggcaggccgg	gtgtgtctgt	420
ggggagtggg	cgcgtgctca	cactctttaa	gctgcgactg	cttctcttag	gacagaatga	480
agttcttcga	ggaggccgat	gaagacagaa	tatggataag	gccaaacctc	cacaaaatcc	540
ttctacatct	tcatatcaaa	acatgtttaa	cataaacctn	caaataccta	cagggatata	600
agcacagggc	tttctaaaca	ggcgggatat	gcaacctcgt	tctatcccan	gcccacacag	660
aaagtgttgg	gggaatcact	gaaggaagga	ngagaaagaa	ctcagaagaa	ccataagaga	720
gcaagacatg	gacaggaaac	caatggccca	cgcctccgan	gaagacttaa	aactncag	778

<210> 3992

<211> 905

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(905)

<223> n = A,T,C or G

<400> 3992

ttattccatc	aagctcttgt	tctttttgca	ggatcccatc	gattcgcttc	catgttatta	60
gtaattctgt	attccatttt	gttaacgcct	ggtagatgta	acctgctagg	aggctaactt	120
tatacttatt	taaaagctct	tattttgtgg	tcattaaaat	ggcaatttat	gtgcagcact	180
ttattgcagc	aggaagcagg	tgtgggttgg	ttgtaaagct	ctttgctaata	cttaaaaagt	240
aatgggtgat	ttaaaaagaa	aaaaggaaaa	aaatcttttg	ctgaatatgt	tcattgcttg	300
tatttttaaa	acaacagaat	ttccagtatg	aaacaggctg	aaagagcagg	aagaaatgtt	360
ctttgtataa	taatgggaag	tttggaaatat	aaaagtttat	atattattta	tctattggag	420
aactgggtga	caggaggaac	atcttcttac	tgtgttgctg	ttttccatca	tgtgttatcc	480
taagagtggg	ggttttttaa	aatctgtttc	accaggggaa	aataaaaagca	tcctaatgt	540
tcttctctca	aaaaacccan	nnnaannnnn	nnnnnnnnnn	nnnnnnnnnn	ncctcggaga	600
gagaaaaana	cctttctccg	agccctntan	aacctatagg	ggagtccgtn	ttaccgtaga	660
atcccnacn	ttgaataaag	aatnccattt	gggttgaagt	tttngggacc	aaaaccccc	720
aaacntnnga	aattgccnnn	tggaaaaaaa	aatgcctttt	ttnttttggg	ggnaaaaatt	780
ttgggggaaa	ggcctttttt	ggctttttan	ttttgngaaa	ncctcttttt	ttaaagcctg	840
gccnaattaa	aaccaaggt	tttaacccaa	nccaanccca	atttggccnt	tttccanttt	900
ttnt						905

<210> 3993

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 3993

gaancccttt	tgaaaanctt	anatacaagc	tacttgttct	ttttgcagga	tcccatcgat	60
tcgaattcgg	cacgagatat	tatttttaatt	ttatataata	gcatgtactg	ctttacacat	120
ttttataata	agtcaccaca	gtattacact	ataactacgt	tataagtgcg	atagatatgg	180
gtncataaaa	taaaaatagt	tgaggagaaa	aaacctttag	accattcatt	ataacgtgcc	240
anactgataa	ggggaaaacc	cccatgtca	catgagagaa	ataaaaccca	ctgccatttc	300
tctgtgcctg	ggtaactgag	ttgattgtat	tcaccagaag	gttcttgttc	tgcccttttag	360


```

acctgcctgg gtcatttccc tgttcacacc ccagtgacta agctgaagag atttatcatg      420
atgcctgctc tttctgttg gccttggtea cttccatgtg catgagcatc tccatccaaa      480
agtggccttc ttctctagcc ccgatgggat gtcagtngcc catgtttcta atagaagacc      540
catgccaaag ccactttgac aactctccac tgcgaagaat gctgtcggcc tntagctaaa      600
ctgttatggg ccactcaacg ctgtacactg tgtggccact ttcttccgc tttctgtcat      660
tgcagggang ttgtaaggca acacccangg ggcttgacct cttcaaggac tttgccagca      720
ncaaaaaacc aancttgggt acacctggc ttaaaaaacc acanccccag caanttnca      780
gctttnaatg                                     790

```

<210> 3994
 <211> 898
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(898)
 <223> n = A,T,C or G

```

<400> 3994
tttaattnca atacagctac ttgttctttt tgcaggatcc catcgattcg aattcggcac      60
gaggacactt tcattgttgt gccagctggg tgaaattaaa actctgatat tacttttttt      120
gaggattttt atttttgttt ttgcttaaac atatatgttg tctagaagtt taaaaagcta      180
aaagttaaaa atgggtgtaat tatgaaaatc taacactcaa gatagtttct aaaaggaaat      240
cagtagttaa ggatacctga tttcaaaata tttaaagcat aacctaaact atggtaggat      300
gattgtatct tgaatatgtg gtagggccac atctattgta ggaaaacctt gcttttatca      360
tctgtgtgta aagggtttaa taaggagaag aggccttttg actgatttgt gagtataaat      420
gcatttgctg ttctatttca aaaatgttgt ggaggaaaag agtacattta acttgtataa      480
gagaatattt gtactcctgt ccaggctgca ggacctttct tcgagagctt tgcacacttg      540
acttgaacca cattttctga tccctttact ttgttttaga agcaccactg aaaaatctcg      600
ttgttttaaa gtncaatttg taaatatattc aaaaaanann aatnnntnn nnnnnnctcg      660
gagcctctnn aacctttagt ggagtcctga tttaccgtag natcccnaaa ccatggatta      720
agaataccat ttgggttggg agttttnggg ccaaaaccn caaacctttg gaaatgccct      780
ngggaaaaaa aaaaaaggcc ttttaatttt tngggggaaa aaattttggg ggaatggcct      840
attttggtt ttttaanttt tgggttaaac ccccttttnt ntaagggcct gngcnaan      898

```

<210> 3995
 <211> 833
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(833)
 <223> n = A,T,C or G

```

<400> 3995
gncnnttna taccatcanc tcttgttctt tttgcaggat ccctcgattc gaattcggca      60
cgagaatgga tgaatttttg tttgggttga agaattctctc tgagaagttg acacgtgggg      120
gcaatggttt gtttctcttg tatttctgaa gttgcaaata atcatgtaag cagttcaacc      180
aggagtttac accaaacttt taataggcga tatatcatta ttttttttcc cattggtttg      240
gataacatcc actttaactg gcagttagtc atacttagct atttttgtta aagcaggtga      300
tttattgtta ttttatattt atgacatgat taataagtga atatggaaga ttttacattg      360
acttagggga tcaaagtttt cattatatta acacctttaa ttgccatgag ttttctattt      420
ctagcatgca tattttgtgt tcattcaagt gaagaaaaca gtcttttgtg ttctcaggta      480
ctgcataagc cgaccacagt ataagacttc ttgtggcatc tcttcattaa tttcttgttg      540

```

```

gaattttctta tacagcacia tgggagctgg aaaccttccc ctattaccca agaagaagct 600
ttacatatte tgggctttca acctccattt gaagatatta aggttttggtc ctttcacggg 660
gaatcaacac ttatgangnt ggtttaagac aaattaaatg acccctttcc atgtnaaaaa 720
ggatgctctt atggttctat attaaacctt cattggggaa gaataaaaac caccaggag 780
aaaacctgct tcanggggnc cctgtcnaaa gttaaccccg ngggtttgga aan 833

```

```

<210> 3996
<211> 838
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(838)
<223> n = A,T,C or G

```

```

<400> 3996
atnctgtttt aattccatac aagctacttg ttcttttttg aggatcccat cgattcgaat 60
tcggcacgag gagaagcaga gggacaagggt gtcattccaag tgacctacct gcctcagcct 120
cccaaagtgc tgggactaca ggcattgagcc actgtgcccg gcctgttatt gttgtgttgt 180
cctgttttta tgggtgcttct ttttctttat ttgtaaatgt tccccctccc actccactg 240
ttttcttaac atggagaaac ttttttttta attgttccca gtgaatgctg tctcttccca 300
tggtgactcc attcacttgc catgaattga cttagtgcga gacctctgtg ccttcttcat 360
gtaaccagct cacttagcc ttctttaga gggcttatga tcttagttgg attaatgtaa 420
caagtttttg ttcagaaatt ggaaaatact agtcaccatt actttcatct gtacttgaaa 480
atctcgtctc tcagacatcc atcatctcta ggtgttggtg acaangcttg acatctttct 540
aacagttgac tttggcttct taaattcctt gaactaattg agagttttct taagcagagc 600
ttanaaggag tacttgagc ccccaaaaca aangcagggt tttaaaatta ttggnctata 660
agtctttggt tattccagct gtcacccaaa atggggattt tangcattta caatcggtaa 720
aagggcacaa ccccaaatga ggggatggac aaaatccctc actggnggat gactctttaa 780
tgcttacctt caagactttt ttaagagtgn ggattatcaa ccagngactt cattggcn 838

```

```

<210> 3997
<211> 777
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(777)
<223> n = A,T,C or G

```

```

<400> 3997
tgaaaccttt tgaaaccttt nanacaagct acttgttctt tttgcaggga tcccatcgat 60
tcggtaaaaa cctctgatg caaaaaaaag tattaacttt cacaagctgt ttgtactcaa 120
atacattttc tcagtttcag atcctctgct gttttattga gtggaaagt ttggttaact 180
ggttcaagaa gaataatgtt gcatttctct atgtctcagg aaacactttt tatggtaact 240
tgtcagattg tctatgaaca aacctacttt tttagacatt gataaagtct tcttttcttc 300
acgtgatatt ttatacaaga gcacttcaga tgtattagat gtgactgatt ttaacaaatc 360
ctattagatt tgtatcaact agttacatgt tctattcaca gtcttttgtg aatcattgcc 420
tttttgtttg aaaagatggc ctcttttgag cctttgtttg gatacattcc tgttttgtg 480
acaaaagaaa aacttttaaa ttgtcccaag cagaaaaata atggctatca gaagtatgtt 540
ttgtttcagt gtgagttact gttactgtat ttgtttattg taaacgtaga catttagcat 600
tcaactgagt tttcaataaa aagtaattaa aatttgttga gttctgaaat tcaagtacat 660
ctcactaatg taaaagttct ctacttgaga tgtttaaggc aagtgcgttg tcaattacca 720
atttccaact cttgttctac aggggtctatc tgcctattca taccagactc aagaatg 777

```

<210> 3998
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

```

<400> 3998
tgaacnnttt aaacnntttt gaaatccttt nggcttctgc aggatcccat cgattcggct      60
atgtgctgac aaatgtggcc tactttacna ccattaatgc tgaggagctg ctgctttcaa      120
atgcagtggc agtgaccttt tctgagcggc tactgggaaa tttctcatta gcagttccga      180
tctttgttgc cctctcctgc tttggctcca tgaacgggtg tgtgtttgct gtctccaggt      240
tattctatgt tgcgtctcga gagggtcacc ttccagaaat cctctccatg attcatgtcc      300
gcaagcacac tcctctacca gctgttattg ttttgcaccc ttgacaatg ataatgtctt      360
tctctggaga cctcgacagt cttttgaatt tcctcagttt tgccaggtgg ctttttattg      420
ggctggcagt tgctgggctg atttatcttc gatacaaatg cccagatatg catcgtcctt      480
tcaaggtgcc actgttcac cactttgtt ttccctcaca tgccctctca tggttgccct      540
ttccctctat tcggacccat ttagtacang gattggcttc gtcatcactc tgactggagt      600
ccctgcgtat tatctcttta ttatatggga caagaaaccc angtggttta gaataatgtc      660
agagaaaata accccgaaca ttacaaataa tactggaagt tgtccagaag aagataatta      720
tgaactaatg gacttgagac ttggcaatct gccaaagggga gacacaaaat an          772
  
```

<210> 3999
 <211> 801
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(801)
 <223> n = A,T,C or G

```

<400> 3999
tttaaaccct ttgaaaccct ttttaaaacc ctttaaaaca gctacttggt ctttttgtag      60
gatcccatcg attcgaattc ggcacnagta acagtcctat attgtttcct gggcaagtta      120
aatagtccta attggccctg agttgttaga gaatgtttgt gaaccactca cacagacctt      180
gacagatagg tttttgtttt ttgctttttt gaagtacatg atatagacag gaacacagat      240
ttttaaatgg tagctgttac taagtgtggg agagagcttt gactctggca gtttgggatg      300
gcctttcaaa attgacaagt gtggttgtaa ggggttagaga gtaagttggg gatgaatgat      360
acactactct ttggagaata aagagccagg tgtgagggta gagtgttcta ngattaggag      420
acttggatgt gtttgaaaacc tgaggagtaa gaaattgggt gagagaaggg actctgagag      480
gatgccacag tattggctac agctttttca tcttcccaa ttatccagta aaagcagagc      540
tccttttaat attgggagca atattaatat gtttactctt atcacttgta tttatcattg      600
nattagangt cctaacaagt acaattaggc aagaaaaaga aatgtttcca gnttaacaag      660
aggaaataaa acttttgttg tttgcagggt gaaatgaaaa atcctaagga ctctttaga      720
aaaaactntn tttgaaaatt nccanaacag cccaataatn ttttgatngg gaaaaaaaaa      780
acaanaatgg gttttattgg t          801
  
```

<210> 4000
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 4000
 agnaancnnn ttnttanannn ttgaaanct tntaaacaag ctacttggtc tttttgcagg 60
 acccatcgat tcgaattcgg caccgaggtct tcaactctgcg acaacaagct tcttgaaggc 120
 aaagaccata ttttaagtat cttttgtgtc ctatagtcac tgagtaaaan nccagggatg 180
 ccgcagatca taaattngtg ntaatnttca aaaatagact ctaaaattta natttacana 240
 aacattgnaa agatactgna nagtttctgc tatectacac tgtttcccat attattaacg 300
 ncttacatcc ctgtgatcat ttgtctgnat taataaacca gtattgatac attatcacag 360
 agaccatact ttatnagggt tccacaggnt ttttccttaa tgttctttca ctatcccagg 420
 atcccatnca caataccaca ttacatttag taattatgtc tcttagctc ctcttggttg 480
 tgacaatttc tcgactttc cctgtattta gtgaccttg cagttttgaa cactactggt 540
 caggttntgt ttgtttgttt ttttgagaca ggatctccct ctgtcaccaa gactggagtg 600
 cagtggaaag atctcatctc actgcagcct caacactctg gggtaagtg atcctntgac 660
 ctcaatgtcc ggagaanctg ggcccagana tgtgtgccat catgctctct aaaaatacaa 720
 aaaaataacc cggcgtgatg gtggggcctg tatcccagct actcnggagn tgagggga 777

<210> 4001
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 4001
 ttgaaacctt tttnnnnccc ttttnaantt gtagaatata agctacttgt tctttttgca 60
 ggatcccatc gattcgaatt cggcacgaga cactgttcta aagggtgtgt gtgaattttc 120
 ttttttattt attaccacaa tctgtgaaca aatacaata tctttccagt tagtgcattc 180
 cctcaaattg aacttctggc tgcaaggaaa gctaggaatg attatggttt tgttagtaag 240
 gaaaattatc aaaatgggat attaggttgg ctactagcag tcttggcctc atgctttcag 300
 taaatagtgt gcacttcaga tcatgtggca ttggagaaag gaagaacatg ttaataatat 360
 aacatgggtt aggtcatgga gtcttgatta ttgtttccta atggtactgt ttgacttcat 420
 aggctacaag acaaatttct tcaagtgtaa atttttcgat tgaagaagac ataaagcctt 480
 tgagaattta ctgtatactc agcactttgc ccgggtgtag gataaggatc aaaatcatga 540
 aagcctaatt tctttcccca gagacttatg aatgtggctg aaaagaaaaa gtacaacaca 600
 tgcaaaataa ttatgaaata atgatgtatg acaggaatgc agagaaggga gagatcagtg 660
 tgcataaatt aatgagaaaa acctcatgga gaaggagcag cataggttag atcttaagga 720
 atgggaaata ttgcagcana tgaaaangac tgccagggtg ggttataata tagtagngga 780
 agaaaaa 787

<210> 4002
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 4002

```

aanccnnnnn nnnnnnnttt gaantcatag aaacaagcta ettgttcttt ttgcaggatc      60
ccatcgattc gaattcggca cgagggcctt ttcccttggt ttcttcttag tgacagcatt      120
ttttggaact ggaaatatag cttctattaa cagctttgat ettgcctctg tctattgctt      180
tctgactgtg ttcagtcctt ttatgatggg agccctgatg atgtggaaga ttttaatccc      240
ctttgttctt gttatgtgtg cttttgaagc agttcagttg actactcagt tatcgtcaaa      300
aagccttttt ctcattgttc tcgtcatatc agacattatg gctttgcatt ttttcttctt      360
ggtaaggat tatggcagct ggcttgatat tgggacaagc atcagccact atgtgattgt      420
catgtccatg accatctttt tgggtgtcct caatggcctg gccagctgc tcacaacgaa      480
gaaactcaga ctatgtggca aacccaaaag tcacttcatt tgaggttgct gaagcaccat      540
tcagcatctg gatcctgatt ctccctttta gctaaaatct catcaaggct tcaataagaa      600
gatggatatg gatatatagt atattctact cctgtaagga aaatggtatt tgggaattccg      660
aattgacagg ttatctggaa caaaggagct tctttttttt tctangtttt gcaggcatga      720
aatagtatt atatctgtgg aaaagcatan gaaggcattc tcctttttca ttttttctt      780

```

<210> 4003

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 4003

```

tttgaaccct ttnaanccct tttgaaaatg naaanacaag ctacttggtc tttttgcagg      60
atcccatcga ttcgaattcg gcacgagttt agatggagct cataattata caaactcatc      120
tcgttcacaa atccctaggg ctcaatgtta aagtcagcca ttgtttaagg cagaaattca      180
ggtttagata tagttagca aagattttcc attatatgag atatcgatcc tattaaacat      240
aaaacttttc tcttggtctt ctattttact gtcttttggt gccatcagct gtatgccctt      300
taattttttc tagtaatacc ttggaattta aaaatgaaat taaaaatggt tatgttttag      360
tgtttttaaa aataattcga ttaagtatgc tatgatagag gagcaaagtt gttattagta      420
atatcaatgt gcttacaact tatggaaatg aaaaatagtc tttagtctta gcagcctttc      480
tgctgtagta aaatagtttg tgcactttaa atcgtctgtg ggttacatct tcaaaggact      540
gagtggcata agccagggag gtcttagaaa tcttacaaaa ggaaaaaaat aagaaattat      600
tccatcatat atgaaaatta ttactaaca atgtatgatg gtttaanctt cttttaaatt      660
cttcactttc cactcctttt tgcttctttc cttttagttg gactattacc ggagttacct      720
tacactaatg ttgangtatt tgggggttcan aagaaaaata ggccaagtaa anggaaatt      780
ggaaaaatgt ttccaat

```

<210> 4004

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 4004

```

gnnnnnnnngg nnnnnnnntt tnnnnnnntt aatgaaccct ttgaancccn tntgaaaanc      60
cntngaaaca anctacttgt tctttttgca ggatcccatc gattcgact gtggagtcct      120
tgcaagtcag caggaccagg gctgtcttcc tgcaccatct ggatttggtt agctctctct      180
gggcagtggg gccgagtctc atttctccca acaataatgt tatataggca atgatcctgg      240

```

```

gctgccctaa cataattgaa aattatgtgt attgtaggct tggagtgtctg aaatgtgggc 300
tcataaaaaat atgtgggtgca ggtagcctat ggagattgga tgtggcacac aatgaacttt 360
atgtaaagta agaactataa gtctccatgt taatattgta ttatgagtat gacagttctt 420
gggtgggtcc tcagggcagg tctgtcacct tcaacaaagc ccgagtttcc taattctaca 480
gagctgggtat ttggatgtaa tcaaactcgt tttgcagggtg gccaaagatg aaaacttgctc 540
caccaatcca gctctcccca ctgaggggata gcatgggatg tagatgggtt tgactccatt 600
tggcattttt gttcacggnt ttttatgaga tggagagggtg agtggttggtg ggtgtccatt 660
ttggttggcc tcaaggaaat gactctattg agtgggttttg accaatgcac tcatatagtt 720
atgtggtaag tgaaggatgg gggtcctgta cacaaccacc cactagtctt nttctccacc 780
aaaaaggaat aaaagttttg ctttcattct caaaaa 816

```

```

<210> 4005
<211> 786
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (786)
<223> n = A,T,C or G

```

```

<400> 4005
ttnnnnncnt tnnnnnnnnt ttgaatttct ttantacaag ctacttggtc tttttgcagg 60
atcccatcga ttcgaattcg gcacgaggct ggaggtgtgc agaaggatgc tgggggtgaa 120
gacaccctgg ggtcctgaca accattggga gtgtctggtg ctctgggtg agagagaggg 180
ccagttggaa aagcctgcag gccagccct ggggcagaac tgagtgtggc ggggtgctggg 240
cacaggatat tccccagggt gcttagcttc atgcattcag gcttaccttg aggtccaag 300
cttattggtg gcataagctc tgcagatccc tcacctgcca tcagcctcat ctgaatcttt 360
gtctttcttc agataagccc ttaggcacca gcttagacac ctccaagaac caggccccgc 420
tgatgcaaga tggcagatct gatacccatt agagccccga gaattcctct tctggatccc 480
agtttgcagc aaaccccaca cccagctca cacagcaaaa acaatggaca ggcccagagg 540
gtgaagcaga cagtgtccct tctggtgtg ttggagcttc cccagtaacc acctatttat 600
tttacctctt tcccaaacct ggagcattta tgcctangct tgtcaagaat ctgctcagtc 660
cctctccttc tcaataaaaag catcttcaag cttaaaaaaa aaaaaaaaaa aaactcgagc 720
ctntaaaact atagtgagtc gtattacgta gatccaacat gataanaaca ttgatgaatt 780
tgga 786

```

```

<210> 4006
<211> 825
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (825)
<223> n = A,T,C or G

```

```

<400> 4006
attccatcag ctcttggttct ttttgcagga tcccatcgat tcgaattcgg cacgagggga 60
attcgaccaa catggagaaa ccccgctctct actgaaaata caaaatagcc gggcgtgggtg 120
gcatgaacta ccacactcgg cagcatatct taaaatgcag ttatttctga aagtttttgg 180
ttttacacaa tttttttttt aggtataaag atgtattgta aggattatgc ttacgtatgg 240
tacagagtat acttcacatt gttcctgtct tttttgtggg ggaggggaatg accgaaagca 300
ttgggaatgt taaaggcaaa tgagtataaaa gaaaactaaa aaacgattac ttcttcaaat 360
aatgaggaaa gcgtttttta aatttttgtc tgtttttaaa aagcaagttt catgttagat 420
ttcttaccac actcaattat ttcctaatat aaaatagata taaaatttgt gatttggtac 480

```

```

tttttatgta agcatatata gtccagtcta aaatgaccaa cttccaaatg tgttccagaa      540
aagaatcatg acattttata gctgaaaagg acctaaaaat ccagtccttt taatataaca      600
tatggtaact gactccttgg gagtataaaa ttaattattt aagaaccagg taagatagta      660
gccagagcct agaaccaatn actcagatgc cccttatcca ttctaatttt ccacagcatt      720
ttctagaaac ctcaactaan gcanttaatg tggatagggt tttacctna aaatagtcaa      780
ncccccaaat gtagccaaat acctaaaggng gccttttttg ntten                      825

```

```

<210> 4007
<211> 787
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (787)
<223> n = A,T,C or G

```

```

<400> 4007
ttagnnnnng tttaanccct tttgaanttt ttanaanaca agctacttgt tctttttgca      60
ggatcccatt gattcgaatt cggcacgagg gcagctgggtg agtgggtcttc tgcgcacagt    120
gttcgggact accccgctcc ccatggcctg ccagcgctg agtgagagcc agcccaagtt      180
cggccacttc ctcgagttca tggatgagtt ctgccaggag cccacagcca gtgactcaca      240
aggctagagc tgtgcatggg ggctgtgtgc accaccggc ctgtgccccca nctctccccg      300
agggctctgt gccctggacc gcacctcaag gttgaccagc cggccacagg cctcagagct      360
cagctgggccc ccacttgctg gccacaaggt ggcacccctt tgtcaggatc tccccctctt      420
ggcccaggca tgacctgggt cctggcccag cggcaataaa gagtgggtgc acagggcaat      480
agactgggtg ccacatgcat tctttcttgg aaccancca cagcaacatt gtcacacttc      540
cctctaaaaa tggttttcca gntcagatgc aacagggata catttggtct ctgttgatg      600
agaaactgac accaaggga tcttaacaaa ttctgaaca atggcttcaa aaaaggatat      660
ttttaaaaac cagatcttgt gagtacaagc cctaattgtc anggacaggg tcatcctgta      720
tattcgttct ttactcaaac tctttcttgg ttccttcatt angaagcatg aatggttgaa      780
tgtgaac                                          787

```

```

<210> 4008
<211> 464
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (464)
<223> n = A,T,C or G

```

```

<400> 4008
tattcnatnc agctcttgtt ctttttgcag gatccctoga ttcgaaattcg gcacgagagt      60
acgagagcaa agaatgcccc gagatgacac tagtgatttc ttgaaaaact cattattgga      120
atctgatagt ggcttttatt ggggcttaag gtgagacata tcttgcatt gaagatgacg      180
tcttccctcc accatcacag ttgcccctcg caccggagcg caggangaac aaatggaaag      240
gactagacat tgatagcagt cgtncataat tagcaccaga tgggtctctc ctaaaaatcta      300
tatccagtgt aaatgttgat gagcttagag tgagaaaatg aggaacgaat gcgaagactg      360
aatgaatntc acaataaacc tattaataca gatgatgaga gttcactggg tgaccctgat      420
gacatcatga aacacatagg ggatgacgga tcaaaactctg tagc                      464

```

```

<210> 4009
<211> 766
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 4009

tttgaaacct	ttgatacaag	ctacttggtc	tttttgcagg	atcccacgca	ttcgaattcg	60
gcacgagatg	cctagtgggc	tctgagtgtg	ggattcttga	acctgctgat	ttgcatttca	120
cctgtagtgc	tacagtaaaa	aatgatttta	tataactttt	ggtatataag	tctcaaaaag	180
tgtgagtcag	aagagatgaa	acattatatt	taaaatttca	tatcaaagct	tctaatacaa	240
cgttgctaga	gccatggctt	ggaaataaat	caggaaaaaa	ccctcaaata	cagaatcagt	300
tgtgttaatg	cactagaact	tgctttctgc	tttaaagcca	taattaatca	tttaaagtct	360
ggataaaaaa	catgtgtttt	gtcttttagaa	aagggtgtga	gtggacttca	agggttagat	420
ctgtgctgtc	ccatacagca	gccactagtc	actagcgggc	ctggctattg	agcacgtaat	480
atgtggctat	tgagatgtgc	tctaattatc	aaatacacac	caggattcaa	agacctanta	540
caaaaaaaga	atataaaaata	tctcaaaaat	attattgtat	tgattacatt	ttaaatgata	600
atggttgagg	catattgggt	taataaaaaca	catctctnaa	taaacttttt	aaaaaaaact	660
tttcaaaatg	catctatgaa	aacatttgaa	antatatatt	atggcttctg	cttacgactt	720
ggatcatgtt	tatgttgggc	cacatagttt	aaatcnttta	tatctn		766

<210> 4010

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 4010

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tcccagcgtc	tttcttggtg	tctgtgcatg	gataaaagcct	ccccattccc	ccgtgcccc	180
caccactttg	tgctctttca	ctttgcttca	cttatgtgcc	caccactcca	gggctccctg	240
agggtccagg	attccatgcc	attccctttc	acatggctga	gagccccagc	cctgtgggatg	300
agctgtctctg	agtgggcact	cagtaatgtg	ggcgtaactg	aaccaagctg	aagaggggaag	360
gagcaaaaaa	caaccagaag	ccctcagatt	cagagtcatg	tcgttaaaca	ctttttaaaa	420
taaaaaatta	gctgtgcaaa	ctgaaatcaa	tttaaactat	tttctttgac	taggcaggaa	480
agaggaggct	gctacatatt	aagaactccc	acttaagcca	aaccttcacg	tttccaatct	540
ccaagcaggc	attgagggcc	tctgggctgc	gtgtgggaga	gccaggaaga	aagaagagta	600
ggccctgcct	ttaaggtcct	tctgcctaa	agcaatctat	aggcagctgt	gttctaacaa	660
aaacttttat	ttataaaaaca	ngcagccagc	cagcctgcct	atgggcagta	gtttgccaac	720
ctgtgctgta	aattaaaaga	agcttaagag	atctgtcaga	tagtgataat	gtatgcacat	780
tatt						784

<210> 4011

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4011

tttnannnnnt	ttannncnnt	ttgaaanctt	tatacaagct	acttggtctt	tttgcaggat	60
cccatcgatt	cgctcagcca	ccgtctcctt	acctgaectc	tctgggaaag	agtttcccta	120
ggttaagcca	tacagggata	gggtaggaga	tgccatttgg	atctaggagc	agagggcaga	180
gcctcagcag	gaagagtgtc	tctttgagaa	ggagacacag	tggagcaggt	gtgtagggttc	240
acagggccag	ctatgggtag	agtcgggtgt	acattttttag	aagccacaat	ccccaaaaat	300
ctcctgacta	taacatcagt	gcacagagcc	agtcaaattg	aggaggagtg	gggtccaggca	360
attcaggaag	aaggaaaagta	acaaatgagt	ggttgcagga	ggacactttt	tctgtcaggg	420
tcactaaaca	aaacattgtc	tcctccctt	aaacttcagaa	acaatggagg	gtaaaagtgt	480
cgcttgggcc	ctggggggcaa	agacggtaga	taacttctct	gtcgtgttct	ccagaagggc	540
ccaacaatta	caaggttcta	cggttctaaa	ttccaatcta	gtcttccaca	tcattttgaa	600
ggtataatat	tacttgtcaa	agtgggatga	tagaagatat	gtgtggacat	aaattgttgt	660
caaggaaaaa	aacttaaata	agaaaataag	agaaaaaatn	tntgtatgta	cagtgggttac	720
tagaaatatg	cctttttaa	atttggcatg	tggattgtgg	cctcatcttc	actcagtgng	780
a						781

<210> 4012

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4012

tgancnnttt	gaancnnttt	tgaatntcnt	tacanttget	acttggtctt	tttgcaggat	60
cccatcgatt	cgaattcggc	acgagattca	aagtacattt	gacaacccac	tgcaagttgt	120
ggcatacatg	ggtgccatga	accatgacac	caactacagc	tttcagggtt	aatgtggctt	180
aattgtgggt	ggcctacaaa	gatggatcac	ctgcccaccc	acatttcatg	gatgcagagc	240
tctgttccca	gtactggacc	aagtggcttc	ttcgactaga	agaatatacg	gaaaagaaaa	300
agaaccagaa	tattcagaaa	ccagaatatt	cagaataggg	agcaagttgc	tatttgggaa	360
cattcagcac	cttctcacag	tttgggaaca	tatattgctg	tttactccag	tgtaaaaatg	420
aggtgccact	ggatctgagt	gctacacgaa	cacaagtaga	agtattaatt	tgttgaaatg	480
tgttgttacc	aaaaagactg	aaaagcccca	aagtctagat	ataaagacct	agacttcggc	540
acgcgaaatc	ccactatgct	acctcttatt	tacctgaaag	gaggacacgc	aggatgggca	600
gtcatgctgg	tgactcttgt	actcccttga	gggacattgg	tggggggggg	gcgtgggtccc	660
angcaggatg	cccantcttt	gactganatt	ggaangcant	gangnttgag	ggtgccaaaa	720
atnccccang	gttcacccag	anggggangg	gctacatgcc	ccanctgtgt	gcangggagg	780
acacn						785

<210> 4013

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4013

acctttaaac	ancttntgaa	ntncttgcac	gatcccatcg	attctanttc	nntnccgcagg	60
------------	------------	------------	------------	------------	-------------	----

```

cagccnccan cncganttng gcacnagetc nanagctget gcttttcccn tgcenganaa 120
cnttnanttt agtcctggat tctgtcacan aacatntnan ctgccnttnt cccnnggag 180
aattganntg gnaacctact tnagnggcat gaaaaaacct agacntctcn gaannanaa 240
ccaatnngcc cttattgaga ntactgatng atngtannac canagggaca cccngnate 300
aatacatacn ggctgntctt gccnttttca aggggtggctc aaacgnccat nctangntc 360
ggatcantat gggntngccc aagcgatcag aacncgagcc atttgcttag ctgcgggaat 420
gaacanggn tttgganacn ggcattctata tacacccccc ttctttttnc cccctgatng 480
gaagctttct tganatgaca ctctcaaaga tnggttctgn agtgacttat tgccaaagca 540
ccacttnncc tngttgagtt taaganganc acatttgggc taaggggccc ntgnttngat 600
gtaaagtgat ctctngngg tctacatttt tcntaaataa tnccttatga tccaccatga 660
gtntgaatac tttgcttggg acatanctg ccatcattg cctggaagct gccacaagta 720
cngnagtcce tggggcaaat agcttcaaat tttttgnact ctcaagccca tgtcacatan 780
tt 782

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<210> 4014

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 4014

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gcaggatccc atcgattcga attcgggcacg agcagagatc tgcaaattac agcccacatg 120
ccagctgctt gtttttgtaa ataattgttt accggaatcc accactcca cttgtttaca 180
tatcatccct ggctgctttt atgctacant gaagtgggag ggggttgagta gttgaaacaa 240
agaccttatt gcttgcaaag tctgaaataa acacactcac acacactgat ttatgtatag 300
aatatgtata caaatatata ttttatttat ctattttttt gagattgagt ctgccttggt 360
gctctgnocg ccaagttgga gtgcggagcg aagatcttgg ctactgcaa cctctgcctc 420
ccaggttcaa gtgattctct tgtctcaacc tccaagtag ctgggattac aggcacatgc 480
cgccatgccc agctaanttt tgnattttta gtagagatga ggttttgcca tgttgccag 540
gctgggtctc aactcctgac ttttagtgat ccgcctgcct ctgcattcca aagtgatggg 600
attatangcg tgagccactg tgcccggcct acaaatatat nttttacagc acatntcaat 660
tncatttaac tgcattttca aatgttcagn aggcacccac tgggctttgt atcgggntgt 720
actgggccc cacaatcta aaatngctgn atccttggn cctcctacct cctggtacct 780
tatnagaata agcn 794

```

<210> 4015

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4015

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tttgaaanct ttatacagct acttgctttt tgaagacctt ncanacaagc tacttgttct 60
ttttgcagga tcccatcgat tcgaattcgg cacgagagaa gatgaccgag agactcttgt 120
cagccaatgc agggacacac tctgtgttac caagaactgg ctgtctgcag atactaaaga 180
agagcgggat ctctggatgc aaaaactcaa tcaagttctt gttgatattc gcctctggca 240
acctgatgct tgctacaaac ctattggaaa gccttaaacc gggaaatttc catgctatct 300

```

```

agagggttttt gatgtcatct taagaaacac acttaagagc atcagattta ctgattgcat 360
tttatgcttt aagtaacgaaa gggtttgtgc caatattcac tacntattat gcagtattta 420
tatcttttgt atgtaaaact ttaactgatt tctgtcattc atcaatgagt agaagtaaata 480
acattatagn tgattttgct aaatcttaat ttaaaagcct cattttccta gaaatctaata 540
tattcagtta ttcattgacaa tatttttttta aaagtaagaa attctgagtt gtcttcttgg 600
agetgtagggt cttgaagcag caacgtcttt caggggttgg agacagaacc cattctccaa 660
tctcagtagt tttttcgaaa ggctgtgac atttattgat cctgtgatatg acttggtact 720
agggtactga aaaaaatgtc taagcctttc agaaacattt ttagtaatga ggatgagaac 780
tttttc 786

```

```

<210> 4016
<211> 783
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (783)
<223> n = A,T,C or G

```

```

<400> 4016
ttttgaaccn ttanacance tcttgnnttg aaaacctaga nacaagctac ttgttctttt 60
tgcagggatc ccatcgatcc gaattcggca cgagaggacc tccagttaaa tttgaatttc 120
agatgcctat gaatagtttt cagtataagt atgtcccatg caatacttgg gatacgattg 180
tgctgaagtg gttttcattg tttgtctgaa cttcaaattt aactggacat cctgtatttt 240
tatttgctgt cttgcaactt ggttctgaga gagagaccgc agttcttccc attcacactg 300
tgtgttgggc agggcatttg ggccacttga tgttggttag gtaggttctc atcttgagaa 360
accaaatttc tgattcccag ctctgtgccg gtactgtgcc tttttccact caagatctta 420
aaactttgcc taggaagaga agggtcggga aatggtggga tggggacttg agtgtaatt 480
tctgagtctt ctctctgggg tggattgctt ctgtgccatg gtctttgttt cccgttgtag 540
gtgctgaccc catatgctgt ctgactgca atgacaaagt atctaaatac aaatgtgata 600
accaagactg ctgatgagtt tgcaaaaagt cattgaatta tgtcacaatt ggaggtgaaa 660
cctgtggctg ccttgcccat gaaatcttgg cgggctttct gancctgatc ccngcctggg 720
ccttctacag cgggtgcctt caaaagctgn tcttgaccac tatgtggcat acctgaactc 780
ant 783

```

```

<210> 4017
<211> 786
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (786)
<223> n = A,T,C or G

```

```

<400> 4017
ttgaaccntn nnnncttttg aatttgaaac cttnaaacag ctacttgctc tttttgcagg 60
atcccatcga ttcgaattcg gcacgagggt aacttctctg anagngttcc ttgtaaggct 120
cttatgaaca gtcgccatat atatatagtt gatgggcnng gaagatctgg gangtnagca 180
nnaagagcct ttagttccgc cncatagAAC aaantagagg tcacaggttc natgccctga 240
gatatggaat tgaaatntta gacttcaggg tcatagactc ttggaaggaa nactagagta 300
cattcntgac cctcncctt aattncttna caggngngaa aaccangagc tncngaaaat 360
nngttattcc tcanctccag ggctacctnc gatctgtgtt tgccttgacg aatggaattt 420
atcttcacan attggtgttc tnnntgtctt accacctaata tanntnctg ctacaaaaaa 480
aaaaaaaaaa aaactcgagc ctttanaact atagnagctc ggattacnnc natccngnca 540

```

```

tगतगतन cattgntgag nttggacaaa cennanctag aatgcancga aaaaaatgct 600
ntatttgcca aatntgggat gctnttgctt tatttgtaac cattataagc tgcaataaan 660
aagtтанaca acaacaattg cnttcatttt atgtttcaag ttcaggggga ggngnggggag 720
gttttttaat ttngcggneg nggcgcnaa tgcattgggn cccggacceca ncttttgttt 780
ncttta 786

```

```

<210> 4018
<211> 759
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(759)
<223> n = A,T,C or G

```

```

<400> 4018
nnttactata naatacaagc tacttgttct ttttgcagga tcccatcgat tcgaattcgg 60
cacgaggcca gctgaagtac acaaagtctt aaggccngaa aatgagcact canaaatgat 120
aacaagagac aagtagctcc aggtgctcct tcagctccaa ggagagggcg tgggggtcat 180
cggggtggca ggggaagatt tggatttcgg cgagatgggc caatgaaatt tgataaagac 240
tttgactttg aaagtgcaaa tgcacaattc aacaaggaag anattgacag agagtttcat 300
aataaactta aattaaaaga agataaactt gagaaacagg agaagcctgt aaatggtgaa 360
gataaaggag actcaggagt tgatacccaa aacagtgaag gaaatgccga tgaagaagat 420
ccacttggac ctaattgcta ttatgacaaa actaaatcct tctttgataa tatttcttgt 480
gatgacaata gagaacggag accaacctgg gctgaagaaa gaagattaaa tgctgaaaca 540
tttggaatcc cacttcgtcc aaaccgtggc cgtgggggat acagangcag aggangtctt 600
ggtttcnctg gtggcanaag gccttggtgg tggcaaanct ggtccttctt tgccctcgan 660
gatttcnctg ntggattcaa aagaagtcgt gggggcccg agtttgcgga ttttgaatnt 720
aggaaagaca acanaagttg tgcntagtct acaaacaaag 759

```

```

<210> 4019
<211> 757
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

```

```

<400> 4019
gaatccnnta cnatananac aagctacttg ttctttttgc aggatcccat cgattcgcctc 60
ggacataaat tatttcattc acaccatctt ncttccccc acacacacccc tggagcaaac 120
actggcaccg cntctaacia ctcaaggctg tgccccgagg atgactgctc cagctntctt 180
acgtttctgcc tganagcctg ccaagagaat caactgtttg atagggccca tctacangct 240
ttgtganaga gtngggggcct aattttgtta anctccannt tgtaaagcca nanagcctaa 300
tcgcgtngac anccncttct ctgcttttca aanattatct gcttncctga atactgccta 360
tgccctccctn ctccctccctt attctcccta ctgcagnagt gantatggat gaaattatgt 420
ncttcttgta ttaactcagg tcancttggn ttgnntttgg caccgggnac aagtgtctgt 480
gggtctgctt gnaccactat tcccantg ccactggtag cacanatcaa caaatccttt 540
nctctnagct catntggtga gaaattatca ggagccatgg gaagaaatta ctattttnat 600
catgntagaa atattttca nngtgtnttg aagagtgtna ananttgaaa ntgggaaaag 660
gatttnangc tgcacttggg angcaanatg atgaacctta ctatggcact nnggactnaa 720
agtangatga gccccantac tgacccccag gcengnt 757

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<210> 4020
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4020
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 cggcaccgaga ctggcattct gctgttctca ggagctccgc tttgatggat ggctgggcag 120
 cctgtgctgc atggaccacc agtggttggt gaggtggtga antgtgtccc cgctaactcc 180
 actctgggca gtnaactgaa nagggagcaa agcccatgaa atgggccttt gtggcagtgg 240
 tggaggtaga gtgaccacaca acaaacctcc ccacttgtn ctnnccattc agnngntcca 300
 gaggcagtga gcttggaatc ttaacangag agatcttggg gtggggtgtg gactttccac 360
 aaaggcatta cctacatgca cgttccctta cacatgtagc cttccaatct catacntaan 420
 ancacttatt taagtnaaat atgcctatct caacagcaag aactntggnn tggggagtaa 480
 agatntnttt anttnactat ttagtattaa ctgagtaaac atttaaaaag gactggatgg 540
 ggggtgggcac atggggctgg ggtgcatttg ctntngctct acatttatga aagaccncaa 600
 atncattatg tgacattttt tnnaaacaag ggtatatata ctacancaga tacacaggng 660
 ctagaanaaaa agtncatcat aaaacttcac actnnggggtt gtattacaaa accacatagc 720
 ttcattngga nttatgatgt cnggaaaaat tattananct tgtnt 765

<210> 4021
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 4021
 ttnanncect ttnaannecn ttttnanttc cttactatan aatacaagct acttggtctt 60
 tttgcaggat cccatcgatt cgaattttgc catcttttat caggctttct gtgtcgagga 120
 cgctaccac atagagtaga agctaaaggg aagggatgtg aagtgacctc accctcagct 180
 tctanctcat ggtgtcaagg cttgtgtgat cttagacacn tctgcctctt ctgagcctgt 240
 ttcttcatct gtnaaacang gatgggaggt tgtggtnaan attccacagc aacactgcac 300
 acgcatnaan tacctnggcc agggatgact cggcngacct cattttccct ctgcctcctg 360
 cctanagctg ttagcaagca tccatcatgc ggntcacaca agagctcccc cnggagggtta 420
 cagaaatgaa ggcngcagcc ccagtncttg ggtagcctgt tcccccttga aggaaacaga 480
 ctcaatatca gcaacacaga gtgaatgacg ccagggtggc naacnggcct ttcttgnagc 540
 aaatgcgagg ggcttcatgg agatgacgtg ttatgaacan cactcatctt acgctgggag 600
 cagcacatgc ccccggcang gagccagtc ctgtcttcaa atacagtcac actgnggggtt 660
 naacaatgtg taaatttggg ggcgatacaa acattcagtc cataacacct ctataccena 720
 acccttaggc aancactaat ntacatntta tctttacaga tgacctattc tggacatgtc 780
 atatnaatgg 790

<210> 4022
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 4022
 gagnnnnnttg nancccttnt gaaatctttt aacacaagct acttggttctt ttgagaggat 60
 cccatcgatt cgaattcggc acgaggggtgt gcggctgtaa ttgagctat tggggaggct 120
 gaggcaggag aatcacttga acccaggaga cgaagggttg agtgaccga gatcgtagga 180
 ctgcactcca tcctgagtga cagagcgaaa ctccatcttg ggggaggaaa aaaaagaaaag 240
 taatagggag gcaaatacaga atttgtgtgg gaggaccccc tagttctggc tcttgtagt 300
 atactcaacc tgtcaggcta ttctgagagc gaaagctcct gctttgggct agtttccatt 360
 cagaatgggtt ttgataggt atgaactagt ctaagcacia gtatacttct gtgtaagtag 420
 catagctcct ctacttggct tcatagcatt ggacattaat agagaaaatg aaaaaggagg 480
 gtatggtagc tgccttgaat agcatttgat ttttaatcct acatttatca gagccccagt 540
 ttttaaaatg tttaaatagcc agatgtgctg ttgcccaggc ttanaagttg gtacttctgt 600
 gaatgaaaaa gtgtgactga gtcacataaa ctgggtattca gctagcccag tcatcagttt 660
 attccatatt caagggaata ccaaggctgn ttttcctctt tatactttga agatgatggc 720
 atttaaaatc aagtaattgg ggctgggtgt ggtggncac atgtgaaatc ctaatgcttt 780
 g 781

<210> 4023
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4023
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 ccaccatgat tataagtctt ctgaggcctc ctgggacatg cgggaattgt actcaattaa 120
 acctgttttc ttataaaatt acccagtcct cagcagttct ttatagaagt gtgaaaacag 180
 actaatacaa tcctgaagca ttcatcaaaa gaattgtaac aggagatgaa acatggcttc 240
 accagtatga tcctgaagaa aaagcacaat caaagcagtg gctatcaaga ggagggaagtc 300
 aaagcaaaag agaccagtca agagcaaaag taatggcaac agttttttta ggatactcaa 360
 ggtatttttc ttgttgactt tgtggaggac caaagaatga taacattaat ttgcctattg 420
 agagtgtttt gggaaaagta gccaaagctt tagcagaaaa acacctgaga aagcttcacc 480
 agacagttct tctccaccgt gacaatgctt ttgctcatgt ctctcatcat caagaacaat 540
 ttgttagtag tttcaatggg aaatcttttag gcatccacct gatctggctc cttctgactt 600
 ctttttgggt cttaatctta agaaatctgt caangggccc ccagttttct ttaagttaat 660
 aatgtaaaaa nggctgnatt ggatgtgggn taaagtcttc cangaacctt aagttctttt 720
 anggnnggtc tnaaanggct ggggggcatt tttttaccna aaggggncnt tggaaattg 779

<210> 4024
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 4024

taatcnccttg	gttttcta	entgggnctc	gnactttctn	cannancenn	tgcgntgcga	60
attcggca	agccccagcc	tagatactgg	cactactgag	gaggatcggt	taaaaattga	120
tgtaattgac	tggttggtat	ttgacccagc	gcagagggca	gaagcactga	aacaaggcaa	180
tgcaattatg	agaaaattct	tggcatcaaa	aaagcacgaa	gctgcaaaaag	aagtatttgt	240
gaaaattcct	caggattcta	tagcagaaat	ctataatcag	tgcgaggaac	aagggaatgga	300
aagtccactt	cctgctgaag	atgataatgc	tatccgagaa	catttgtgca	tcagagctta	360
tttgggaagcc	catgaaacct	ttaatgagtg	gtttaagcat	atgaattcag	ttccacaaaa	420
acctgctttg	atacctcaac	caacttttac	tganaaagtg	gctcatgaac	acaaagaaaa	480
gaaatatgaa	atggattttg	gtatttggaa	agggcatttg	gatgccctaa	ctgctgatgt	540
gaaggagaaa	atgtataacg	tcttggtgtt	tggtgatgga	gggtggatgg	tggatgttag	600
agaggatgcc	aaagaagacc	atgaaagacc	catcaaattg	gtcttactga	gaaagctttt	660
gtctgccaat	gttggtgttc	ctgcttcac	gatattgcac	agtacttgtc	aantttcaag	720
gaatgccctt	canttagcag	aatatngna	ttcctttgag	cgccacaaa	cttg	774

<210> 4025

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (734)

<223> n = A,T,C or G

<400> 4025

gnntatata	cagctcttgt	tctttttgca	ggatccctcg	attcgaattc	ggcacgagct	60
catcacactg	ttgtatactt	cgtagctatt	acttctttaa	tccccaggga	cttgtttaac	120
aaagtgttct	tcagtttcta	cttccctagtt	cctttgtgga	actggtaaaa	atttaaaata	180
tcttaacata	atattttatt	tcaaatagata	aacagtaagg	taaaatgtgg	tttttcttgg	240
acaacttatg	gtagaatgat	gtctagaata	tttagttatg	tcatttaata	ctttttttct	300
ttacaattta	aaaaaaaaatt	tattttattt	tagattcagg	gggtacacgt	gcaggtttgt	360
tacatggcta	gattatgtaa	tgcgaggtt	tggectgcta	gcgcagccat	catccaaagt	420
gaccctagta	cccaataggt	agttttcaac	ctgtgtgect	cctcttctac	cttctctttt	480
ggaatctcta	gtctattact	tccatcttta	tgttcacatg	tactcattgg	ttagctncca	540
cttacaaatg	agaccatgtg	gtatttggatt	tctggttctg	agttacttct	tttaggatag	600
aggatgaaaa	agagtgtacc	tccacttcat	ccatgtgctg	cnaagacatg	attcattctt	660
ttatggtgga	tattttacct	ttttgcnagg	ggaagatta	aattggccan	ntatgaaaaa	720
tgctgnatcc	ctat					734

<210> 4026

<211> 837

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (837)

<223> n = A,T,C or G

<400> 4026

aagtttaaac	ctgctctngt	ctttgcggat	ccctcgattc	gaattcggca	cgaggggggtt	60
gggggtggga	ccctgggatg	gggggagaa	cagctgtttc	tggagagaga	aggggtcatg	120
gtggccccag	actgtagaga	tttttatgtg	tttgataaca	tctgctgtgt	ggaaaaaaaa	180
aaactacaaa	aaccctaatt	ttgtacatac	tgtattttta	ctattgaact	gtattctagt	240
ggctgttcat	gctccaagac	tttagttacc	gagacatgaa	tactatccat	gtaataagca	300

```

cttgccctgga ataaaatata aaactgaaat aaacctgcac tgaaacctga aaaaaaaaaa 360
acaaaaannn anaanncnta aaananccca aaaanaanta aaaaaaaaaa ccnnggccct 420
ttaaannntt ngggngccgt ttancttaan cccnnnttn ntannacctt nnttnatttg 480
ggnaaaccen cantttaatt nccggnaaaa aatgnnttnn ttggnaant tgggaancct 540
ttngctttnt tngaaccntt ttaagntgc nataananag ttaccnncna nnttgncttn 600
nnttttaagg tttaagggt ncaaggggga aaggttttgg naagggtttt tttaaatttn 660
cnggggcccc cnggggnccc ccaattnnch ttttgggccc ccgggncccc ccaagntttt 720
tnnnntcccc cttttnangn naaagggggt ttnaatttgn nccccctt tgggcnnna 780
aaannnngng gggnnnnntn aanccntnnt nnnccctng nnnnnnaaaa aaattnc 837

```

<210> 4027

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4027

```

ggnnnnnnnn gnntntaata nncagctact ngttcttttt gcaggatccc tcgattcgct 60
gccatgtcta gtgggctctt ctgggctccg tccgtagttt gtcacacctc ctaggggcca 120
gaggagatga tgtggtatct ctatcactaa aaggagtcca agaccagctt gagtaacatg 180
gtgaaacctt gtctccacta aaaatacaaa atttagccag gcatgatggc gcatgcctgt 240
aatccccagt actcgggagg ccgaggcagg agaatactt caaccaggga ggtggagggt 300
gcagtgaacc gagatcgccg tactgcactc cggcctgcgt gacagagcaa gactccgtct 360
caaaaaaaaa aaacaaaaac aggaaaagtc ttagagaaac cttgtgttta ttcagaataa 420
aatgaaatag ttaaaatgtt ttagtgccct ttattttcaa attacatagt cagtatcttc 480
tctcatactg attcttggtt gtatctttac ccaaaatagg agtacacctt tgtcatttaa 540
ttaattgttt gatataatct tncaaaatat ggtatctggc anaggggggt gngagagagg 600
aagaatagca caaggctttt gtttgggtgc ctgcttgctg gttggatttt gagatccaaa 660
tcaactatct ttggatgaaa tcgtagctaa ttttccctgn aacctntttt ttttttnggt 720
ctctgncccc attggntgct tgggatcagg aaaatgccct atanttttng gctatttttg 780
catttaa 787

```

<210> 4028

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 4028

```

agnntttatn atcagctctt gttctttttg caggatccca tcgattcgaa ttccggcacga 60
ggttttctcc tgttacatca tgctgaatcc ttcccttag ccattagctt ttatgatgtg 120
gtcttcgtag gaaagccacc ctggtgccaa gcctagcttg tggggagggg tatgtgttcc 180
agaaactgct ctttgtgttc ctttcaatga ggaaacaaca tgtgtctact tatgtggcat 240
ccaactgctt ggagctccac acttcccttt cgcgactcag gctctggtgc tgttgccaat 300
ccttgcttgg caaagactgt tcgatcatgt ggggtcctta tttacaaggg aaagctgggc 360
cagaaggcta gcaattcang tgttaccgct attgctgtgc cttgtgttan gacattgtgt 420
gtgtgcatgg actgnccctc caaactcagt agttccctatc taaatatnaa gtatattaca 480
aacctggaag tacagaatct caaccttaca gtctttccct tantcctgtg gccttctaac 540

```



```

canctgntaa cgtgttgatt ccttncaactt ccccaagtag gcangcacan attgtgange 600
ttaaaaaagta atctgggttcc tntgactcat tgaattcant ttgcgcntct ggctggaaca 660
nntggttgta cagnttttaa gaaaattgct ggntgccna taaggggtggc ctggtgctcn 720
gggcctgnng ctn 733

```

```

<210> 4029
<211> 760
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (760)
<223> n = A,T,C or G

```

```

<400> 4029
gnnttttagat cagctcttgt tcttttgcag gatccctcga ttccaattcg gcacgagagg 60
agaaggagaa agcacatgaa ggagcaagac ccatgagagc catcttctctg gccgatggca 120
atgtcttcac cactgggttc agccgcatga gcgagcggca gctggctctc tggaaatcga 180
aaaatatgca ggaaccaatt gctcttcacg agatggacac tagcaatggg gtgttgctgc 240
ctttctatga ccttgacacc agcatcattt acttatgtgg aaaggggtgac agcagtattc 300
gctattttga gatcacggat gaatccccgt acgtccacta cctcaacaca ttcagcagca 360
aggagcctca gagagggatg ggttacatgc ccaagagggg acttgatgtt aacaaatgtg 420
agattgccag attcttcaaa ctctcatgaga gaaagtgtga acctattatt atgactgttc 480
ccaggaagtc tgaccttttc caagatgacc tgtatcctga cacagcgggg ccagaggccg 540
cgctggaggc agaagantgg ttcgaaggca agaatgcaga cccaatcttc atctncttga 600
acacgggtac attccangca aaaacaggga tctcaangtg gtcaagaaga acattcttgg 660
atagcaagcc cactgcaacc aagaagtgcg anctgatcag catncccaag aaaaccacag 720
acacgggctg tgancaaaaa tgaacttgta ccgaccatgn 760

```

```

<210> 4030
<211> 757
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (757)
<223> n = A,T,C or G

```

```

<400> 4030
gnnttttana tcaagctact tgttcttttt gcaggatccc atcgattcga atttcggcac 60
gaggctgtac ggagagtgtc ggaccgaggg gagctgggag caggtaactgc ctccatcctg 120
agctgccgtc ctttgaaggg agaacctggg gttagggttcg aggagcctgg cgagaactgt 180
gcacctctc gggaggagca gccccctcct gtgctgcttt cccccctcct tcaatatgct 240
ggggcggaga ccttggcctc caaagtgcaa ttccgggacc ccaaattccca gcggacgcac 300
caggctcagg tggcgttcca ggtgtgtgtg cgccctggct cctacacccc gggacccccct 360
tccgtgccc ttggagaacc tcctgacctc cacttcagtc cagccgaact tgagtgggtc 420
actaaggaga agggggccac actcctctgt gccctgctgg tacgggtgga atgaggggtg 480
agacaccact actacaagca cagtcggggc gcgggcccac ggactctgan tggcgactgc 540
cttcacctca ttcccgtagc tcgtggcatg cncangtgcg ggancctggc agccgcncan 600
gaacatgtag gcaggctctt aaatgtaggt ggcaagtggc acaacttcca tgtccgaggg 660
ccacaattcg gctgatggaa gagtctnggg aacccaantt cagccctggg accccttttc 720
atgcntgatt ngggaacatg actcctttta ctncnccn 757

```

```

<210> 4031

```

<211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 4031

ttttgttcca	ttcagctctc	gttctttttg	caggatccca	tcgattcggt	ctgctgataa	60
aatatTTAAC	cccaagaaag	tgaaaactaa	tataaaatta	gaaagaccta	tccaaattag	120
acagtcaatt	ccattaaaat	aagaagttag	aaaaacaatg	ttgggcattg	aggtgtaaat	180
tttgcccaga	tgtataccca	gtgtgaaata	tcttctaata	aaaatatatt	tggctcttat	240
ccctgcacat	gtagaggcat	aaaaattggt	aaacatgtcc	cgctgtgtag	aactttaaaa	300
aaaaggcatt	tttgaaagtg	ttgagtggca	ctgataactg	gtgaancnnn	nntnnnnnnn	360
nnnnnnntnn	nnnnnnnnnn	nnnnnnntnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
ntnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnntnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	776

<210> 4032
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 4032

ngtctaattc	tggtctctcg	tctttntgca	ggatcccatc	gattcggaatt	cggcacgaga	60
ggggcccttac	attactttct	tgcagcactg	atggcttntg	nttgaggctg	cacaaattcc	120
tgcattttccc	ttgggttgaa	tggnagggat	gcgggcagtt	ggtgactggg	tgaaccacct	180
gacttgagca	gggctacgac	tctctctgca	aacnaaaacc	agagacatga	acagtgtctga	240
nattttctcag	tggtttccca	tgtaggctgc	tttccaaggg	cancaagcat	ggcttnatca	300
ctcaccocagt	gcttctgatt	cagcactgtg	atgctcggtt	aanttttaat	gaggttntaa	360
atnttttctg	atgtacgagt	gtttatgcca	acaaagatgc	tgaattgtaa	acaccancaa	420
tctgagtacc	ttcttttgat	tncnntctnc	atattgaata	atccctntat	ntttgtgcgt	480
annatgaaat	tgcattngat	gtatnggttg	anagtagatt	ggtnatactt	tncaaggaca	540
ggcaacaatt	tcacgatnna	acttctttaa	aattntntnn	aacaaatgtn	aaaatggatt	600
nttcttccaa	aaaaccnttt	ttccttttgg	cacataccca	ancaantgac	ccngaaattt	660
aaaagtaatt	taggngacnn	ganttagat	gattaagggc	nngtttaacn	tttggacagt	720
ttttgccctt	ttttaaaagg	ctcggantcc	mnttntagnn	aactcgctcc	ccnc	774

<210> 4033
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4033

```

gnnnnnnnntt tnaaaancntt gctacttgcn cttgcanttt cccatcgatt cgaattcggc      60
acgagggtaaa catacaataa agctgaaaat tttagtgtact acttatatgc tcatcatcta      120
gattctatcc ttgagtaatc tttttttata aagggtattga tgtaactatt ttataaatga      180
aaaactacac actaaaaacc aaatatgtga tctccagcat cacagaaatg aaataaggat      240
tttttttttaa cttaggtaat attgcttgaa ctgtagtaat tcaaagttag caatttcaaa      300
ggtagaattt cccatgtatt actatactgc ttcacatcag ctctattaat aaaagtagaa      360
cagttgcaaa ggaactttta tgatctgttt tgacaggaca gacaatttaa aaagttgtta      420
ataaagggtt ttagaattca ctataagcct ttcagtgtggc tttagtttag cacatggaga      480
tccgttctgg gacgaaagt t ggaagtattc tcaagaagta aaaaatncca aataatttat      540
aggggacacna gtgggtttgaa gtactggtta ggattanaag nggggtcttg cattgnccan      600
aaaccanact actttgcaca attatncttg aattcctaata catatccact agcctactct      660
cttaaatagac cccagaaacc ttgctcttaa catttaagac aatgggaagg tcttgctttc      720
taaaaatgcc tttatttttaa taccctctgc caataaatgg aatttnacn      769

```

<210> 4034

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4034

```

cgcaattttt annatnctct tgttcttttt gcaggatccc atcgattcga attcggcacg      60
agctcaccaa ttagcactgc caccgcaggt ctgtgaattg catgtgaaaa tagaatttgt      120
ccagaagtgc tcatgcaaat tgtgcaacac aaatgtggcc tccatgtcaa gtcccttcac      180
gtgttctgac agactcatgt ctttccagat ttctctgate ggcgcacccc accccttga      240
cagttaccag agctcataag ccaaaggaaa tagttcctgt tgccatgagt actgtgtctg      300
tggtgaggtt tatgagctgc tcttagggct ggggtttttgc ctgagaaaac aatcagattt      360
cgcttagatc tgcaaganag cagattagga aggggaatata tgcaaatatc tatgttaatg      420
ccccaacact ataacttggc ctcatggtgc ttgtgtagca nttctcttag agaaaacttt      480
ttttgcattt aatatatatt tcatgnnttt gaaaatctgt gttcatgcaa agaaacctgg      540
aaagcaaaaag catnagggtca aatatgaact tggctnntat tcatataatt ggggtatata      600
atatcttttg tgacatanaa cngtnctttn ataaccatct ttgcttttnc attggaaaaa      660
atncagcttt cctgangagg aatatntttt cantgnncnt nttaaacttt tngannngng      720
tngnngcggn nanggggccc n      741

```

<210> 4035

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4035

```

gnnttnanat acagctcttg ttcttttttg aggatcccat cgattcgcag gactcaagat      60
gactttctaa ggtgatttgg ggatgcagtg tatgcatttt ttactcttt ttgaaaaaa      120

```

```

tcttttcttc gcctttggag tgtaacattt ggatagtttt attcagccca taataggacc 180
aaaggggaagg ggataaaaaa aaattcttta aagtacctca gataaaaagg ttttgtgaag 240
aaaaggactc aaaatcctag gttataccaa gactttatgt tcattttgaa ttttctttat 300
tcattttttt cctctctgtg tatagaataa tcaggagata ttggtgggca gaactgttgg 360
ttgataacag gaagcagagt atctgagaaa ggccctcatc ctgtttcctt ttggagctac 420
tgaggcctca catgccagcc attttaggat ttgatgaagg ctagagaaga gttaaaactga 480
gccttcactt actcagcatc agtaggaagt agtggtggct acactaaaaa caccgttgtg 540
ccagtggagga tttgggggga aaatgacaag ctgcctgtga taaacaagca aactgtgaca 600
aactttttga tgtgtagggt ctgaagcttt tcaagtttac cgtcctcaaa agaattttta 660
tatatatata tatgcccac atgcccgaatn tngcattata tacctttnga tntacctgga 720
aaganaaaan gatgaaatgg ccngtaaaaa ttgganattt ccagggaacc cgatc 775

```

```

<210> 4036
<211> 782
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(782)
<223> n = A,T,C or G

```

```

<400> 4036
ngnnttttnaa tatacaggct cttgttcttt ttgcaggatc ccatcgattc gaattcgcca 60
cgagcttttag gttcttgatt atgtcactgt aataaagcaa ccaatggacc tttcatctgt 120
aatcagtaaa attgatctac acaagtatct gactgtgaaa gactatttga gagatattga 180
tctaattctgt agtaatgcct tagaatacaa tccagataga gatcctggag atcgtcttat 240
taggcataga gcctgtgctt taagagatac tgcctatgcc ataattaaag aagaacttga 300
tgaagacttt gagcagctct gtgaagaaat tcaggaatct agaaagaaaa gaggttgnag 360
ctcctccaaa tatgcccgtt cttactacca tgtgatgcca aancaaaatt ccactcttgt 420
tggtgataaa agatcagacc cagagcagaa tgaaaagctn aagacaccga gtactcctgt 480
ggcttgacgc actcctgctn agttgaagag gaaaattcgc aaaaagtcaa actggtctta 540
ggcaccataa aaaagcgaag gaagatttcc angcaaagga tgatagccag aatgccatag 600
atcacaanaa ttgaaaagtg atccagagga aactnaagga cncaagtgtg gatcataatg 660
aggaccggga aacnccagga aagtcttcng gngggaagaa aattgaaaaa ccngccaaat 720
gccttttgaa agccaaactg ggaattgaga aataattcaa atncttgga atttaggagn 780
aa 782

```

```

<210> 4037
<211> 775
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(775)
<223> n = A,T,C or G

```

```

<400> 4037
aanngtttga anaccngct acttgttctt tttgcaggat cccatcgatt cgaattcggc 60
acgagggttc ataaacacat ggctaacaaa gtaaagcctt caagtctggc acagactctt 120
gactacacga tgggaaaagg gattccaatt acgattttaac ttgtatttta aagatgagaa 180
aagaaaatgaa taagaaaatt tgttgctatt tttcttcttc caaattagaa tctatatctc 240
taaaaatact ttgcatgttt agtaaaccat catcttgaac agaagatacc ttgacatcag 300
ttctatttaa tacttatggc aattaagaga tttagaaagc agaggaaaag accaaaaaaa 360
agtatgtgtt acaaagtgtc atcatgcttg taggacccca gcattcttga aactaacgca 420

```

```

ccttttaaaaa gtaatatatta cactgctgta aatatattgca aagtatcaat gtttaattca 480
cttagaatttt taaggattat ggattttacta gcgaaaaattc ccctaaagca actttcccat 540
atcagtaact tttatattagg gaaacaagtt taatgtcata atacatgtga ccttggaatt 600
caatagaatt ttcgaaacta gaagtaactc agaaccgttc actagatgtg ttttaaaggg 660
ctnttttgat actggcctta acatttgctt atttgcaa ataatatgtaa agaatgggtt 720
ctaaaaagtaa gttttaagga atgggtattt cnncaaaaat gttatttctt attnc 775

```

```

<210> 4038
<211> 825
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(825)
<223> n = A,T,C or G

```

```

<400> 4038
ngnnnttttna gatacagctc ttgttctttt tgcaggatcc catcgattcg aattcggcac 60
gagcccaaac ctaatattagg agtaaatatt ttgtagcaga tagccagatt tcagccaatc 120
acaggcttcc agctaacaag actatgcccc aataaggcaa atgcctcatc acatgatgct 180
caaatnaggc agccacctag gcnaggccaa tcaggtaact tttctacttt gcttaattgt 240
tcagcctgta caaatattgct gcttatgact gctgagcaga gctgtctnaa cctcttctgg 300
tttggagtgc tgccttatat atgaattgggt ctttggtcac ataaaattgg ttaaatttaa 360
cttctctaaa gttttgtatt aaattgtatg taaaacattg gtagcacaat ttggattcag 420
atacccaa attgactatg ataatgtaaa taatccttaa gcagactgat ttacaaaggc 480
ctgaacaagt ttgatattct gaatattcac ttcttctgat gaaaaaattg ccaagacctt 540
ncaattggca gggaaaaaaa atgtgtgttg gttaaataag ttatgtttaa caaccaagaa 600
catttaccac aanttaggaa aactctttac ctatggccca nggcacctat ttttaaacca 660
cacccttttg gtaccctttt ttttaaattc ctngaaaaaa attttnttaa attaaaatat 720
ggccttttta aatattttaat ttggnanttt taatanttta angtggnant tttaaatatt 780
tggtcccttg gttttttggg ggaaattaat tgcngcaat ttaan 825

```

```

<210> 4039
<211> 789
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

```

```

<400> 4039
gnnnnnnnnn ngnnnttttn aatatacagg ctacttggtc tttctgcagg atcccatcga 60
ttcgaggata tgttgacta gtngttcctt gtgactggaa tattctctgc ccaaactttg 120
aaaggctagt tagttacttc tcatcattcg ggcttaggtt aagtgtttcc tccttagagt 180
tcttccttga tttatcttcc cccagctcta aagtgccagt cacattaatc tgacatattt 240
ctccatacag cactcatcac tgattgatna aaaatctatt ttgccatntt tctctctcac 300
tggaatatta tgtgtcatn aagaagctac tegtgtatan tgntcctgat cgtctgngct 360
gcataacaga ttacctgtgt catataaggt gcacaataac tatatgcnnt gcgtgaatga 420
ncaaacgttc tctccagtct nttttcaaat cttctattcc atcacgactg aacccaaagg 480
aaatgtacta gacgttctgt ctggcagcct tgttccatgc ttagcctttc antgattgcc 540
antatctttn atgatgctgg gccttngcct tnaccatggc tagaatgtta gantnatgaa 600
cnaananatg ccattttgat cctgtgtgcg ttcacctnan tatggngcct ggcaagcctt 660
taanaacntn atnactcagt gnaccaaaatg aatgagtaaa cgaccttttn natectttna 720

```

aggaantnaa ttngcctgnt tataggnaat ngttggance naattccaac ttnggccaat 780
 tggaaaccc 789

<210> 4040
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 4040
 gnnntttttn gatacagctc ttgttctttt tgcaggatcc ctogattcga attcggcacg 60
 aggcagtctc ctgagccaga gtgtgctcag acagagtcca gctggtggaa agggacttat 120
 ggagagaaaa agaaaagcga ttagaaaaaa ttgaaaagag gtacagaaac agctggattg 180
 gttacagctc ggtgtttgcc ttattttgaa cagggtttga acagttggcc acctttggtt 240
 gctcaaaact tgggtgattgg cacaagagta gggtacagtc tgtttgcaca tccatttagg 300
 ttgcagttca ctgtgtacag agaaaccttt aggctgaact taaaacgtgt aaggagacag 360
 ctttctgctt gatttaacag taacacgggt gtgtgttggg aggtagggag gtgggggctc 420
 tttcttntnt nannntgnet ttttncacaa canttntgan gantnagctt gtnatgnatt 480
 tgngcaactg nttntttntg tnattntaan cnngancnnn cnnnnnactn attttnanat 540
 ttnaaaaaan tncatnnnnc nngcnnancc ttcttttnnn tncctgncaa tnnnnngnng 600
 nnctnnnnac nnannatnng nntnntgnnc tgnntnngnt ttnttttnnn aananntnnt 660
 ntngggnnnn nnnnnnnnnt nctnttttna annnnnnnn nngnnttnnc nnggnnnnna 720
 annnnnnnnn nntnntnnnn nnnnnnnnnn nt 752

<210> 4041
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 4041
 gnnnttttnaa tcagctcttg ttcttttttg aggatccctc gattcgaatt cggcacgagg 60
 tcagcccagc tcacggccct ggctgcccac cagcaggccg caggggaagga ggagaagagc 120
 aatggcagag agcaagattt gccgctggca gaggcagtag ggcccaaaac gccaccggtt 180
 gtaatcaaat ctacagctta aactcaagag gatgaggaag aaatttctac tagcccaggt 240
 gtttctgagt ttgtcagtga tgccttcgat gcctgtaacc taaatcagga agatctaagg 300
 aaagaaatgg agcaactagt gcttgacaaa aagcaagagg agacagccgt actggaagag 360
 gattctgcag attgggaaaa agaactgcag caggaaactc aagaatatga agtgggtgaca 420
 gaatctgaaa aacgagatga aaactgggat aaggaaatag agaaaatgct tcaagaggaa 480
 aattagctgt tcctgaaata gaagaataat ccttaacagt ctgcaaactg acattaaatt 540
 ctatagtggtg acaattactg aatcagaagg catgaaagag tataatttta tgaaattcaa 600
 aattattctt ttttcaagtt gaaacttgcc tcttctactt taaaaaagtn tntngaacca 660
 gttacttcta ataatacaga aggagatggt ttatnggaca tttctttaat ataaagttag 720
 agatgtcttc ttagcagtag ggctatcttt tgccacagaa cata 764

<210> 4042
 <211> 757
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4042

```

gnnnnttttat agatacagct cttgttcttt ttgcaggatc ccatcgattc gaattcggca      60
cgagggtttta tacatcttat gttcttttgca aaactggagc cccagaaaga atacaaagtg      120
agcttctgtt cccacttctc ccagaatagc ctaggatggg caaccatgta aaattcaata      180
aaaatccaac cttctaacta actcgtgggtg ttggagagta ttaagcattt gaaaagtcca      240
ggtagaattt tcatcctttt tgagctcttt cctagctgct ttgctgtgat atatctgtca      300
ctccagatga gggagtagtg gtggaaaagg aatgcattct cagattcatt gttggtagtt      360
caaaagaaaa taagtaaaacc ttattcattc tctgaagtac tttccaccac tactacaact      420
gatccaagaa aacaatttcc cattggatgg tattattcag agtgttatta acaatcagtc      480
ctgaattttt cagaatagta ctaaagttgt cttttttttt aatgggttcc ttncctcaag      540
gttatagtaa agctttttta taaccttcaa agaatacaaa gtggaatttg taatttatng      600
gatatacatt cctagtttac aggtactatt taaagctggc aaatttanat naagatgcct      660
tccctttaa ttgccccttt aaatctatgg catgtctcac ttaagagttc caatttcaga      720
atttcattggc aacttgggaa acggcntgan ggaattt      757

```

<210> 4043

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4043

```

nggtntttta aaanncngccc gttcttttgcg gaccctcgat tcgaattcgg cacgagcttg      60
aagtagaatt ttttttcatt ccttacactt ctcagtgagt ggtaactgta gttnttgcta      120
tcatttttca ttttcgtttt tgcagttgaa catacttttt tctctcagag agttggaggg      180
acttgcccaa nactgcccaa tggcaatgag atttcaacct caaatcaatg ttctttttaa      240
tgcaagatga taaagagtng gattcanctt aatttaggat agaataaagc caaatanttt      300
aggatagggt ctttgggtgt catgggtgta atctaattgcc catgatgcaa gtggcagagt      360
anagaattag tgcacagcaa taattaaagt gacatattgc caaaggaagc ggttntagcc      420
cattatataa taccttttaa aggacagacg catactcagg tttattttac ctgctgagct      480
tctgccttag aagttttcag aattgtgatt acattgaata ggaaaaaagt ctgaactatc      540
agaaaccagt gccgcaactt tgacaaacaa ctgattatta taataatctg cctctagcat      600
gagactatnt taattattat ttaagctctg gnggacttca ttaagcagcc cagtnaccac      660
cngaaagggt aaagattatt aaaatggaaa ggaatgggta ccaattnggt tattaattcc      720
gggaaccctt aaggcangga aaaatgggct ttgaaacccc aaaaagggtg gaaggctgca      780
antgaac      787

```

<210> 4044

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4044

ngnnntnttt	nnaaatacac	gctcggttctn	tttgcangat	cccatcgatt	ogaattcggc	60
acgaggggga	aagttttcag	ttgtattatn	agntggatcc	tgactatttg	ccataactgt	120
attctataca	cttgcctgaaa	acattgaatt	agggataact	gaatcatggc	tcctaaggga	180
aagacagggt	taggttccctg	gaagcctctg	gtcacaacat	ttccaccaac	tgatcaatag	240
ataaccttgt	tntgtttatg	tntgtgttta	gagacattta	atatatatng	ttgacttact	300
aacatcgaa	tcattggccaa	tagcactata	acttaagggt	gaacaaagct	tatcaagtct	360
tttctctata	aggcacatcc	caccttcttg	cacttaggag	cactagaagg	cattttctcag	420
cactatacaa	ggggctatct	aaaacagaat	aatcacccac	aaaaagcaca	acaattcana	480
aaaannaaaa	gcnaaagtct	tananaacan	aacattgcat	aananttnan	aatcagnaaa	540
aanttngecc	tttaaaccnt	taggggncgn	ttcccanngn	ccnancntna	tangatccat	600
tggtaanntt	gggacaancc	ncanttgaag	gcnnatgaaa	aaagctnntt	tngggaaatt	660
tgnnatctnt	ngnttaattt	ggaacctttt	nacnctttt	aacnntttnc	cacntccntt	720
gnattnattn	nntnttnang	gttcangggg	aaggttttgg	naagtnntt		768

<210> 4045

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 4045

ttgtcttttt	gcaggatccc	atcgattcga	attcggcacg	agaacatgag	ggccctctat	60
gccagaagtg	aattcatctc	acaaaacatg	ttgactctag	actggtgcct	cctccagcta	120
ctactacccc	cattagtcac	ctagtataaa	atgacgacat	ttcatcacct	gcacatgaac	180
cgctttcccc	ccatttctta	atcatgaatt	nctgtgtctt	aaattattaa	tggctaagac	240
taggtctggc	agtaaattnc	tntctctctg	atttttggcc	caactcgagt	atttttgaaa	300
aaccgacaca	gtatttttag	ggagcccaaa	aaccatgatg	ggaaaaagaa	tgagctgggt	360
gtaaaggaag	agggtggcag	agcccctctc	cagcagtgtc	cacagggact	tccccagggc	420
accaggcacc	atctggagac	ggntttggtc	acactgggat	tgcggggagt	cacctagtgg	480
gtggaggggc	cagggtgtgt	gctgaacacc	caaagtgcac	aggatggctg	cagtcganca	540
tgtcaganaa	agggtctggc	cccaaaagcc	actcgcgccg	gtggctgana	caancttgga	600
gcaaggggaa	ccttttggtca	aggnccccan	gttttttaag	ctaaaacgta	aancaggaac	660
cattcaagcc	aagaaggagt	tcccaggnac	gttttttttn	ttanggaatg	gaccttttaa	720
gaaaaattga	aaancatnnt	taccatggg	gttnaaccac	catggaaatt	tccgggccaa	780
attccaagtn	cctn					794

<210> 4046

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4046

ntgnntttta	atactngctc	tcgttctttn	tgcaggatcc	ctcgattcga	attcggcacg	60
agactgtgga	gagatctcag	ttttctctac	tgtaattgct	catattttga	atgctaagtt	120

ttcatcaacc	ataattttta	cgtgctctaa	tatgtttctt	cacagattca	tgccatgttc	180
agtttaaaag	agtccctgttc	ttttaataca	ttatctttga	aatgcctctt	actgaggaat	240
gactaaaactt	cttctgaaat	gtgctctctg	gattgaagtc	aagagtacat	gttgcaacaa	300
agataatcat	gacttttagt	attaagagac	aattaccaga	ttgagtgtta	cttanaaaag	360
tttccctccc	tgtgcagaga	ttactggctt	atcaaacaac	ccgccccatg	tgggccatat	420
atnattgaga	taattantnt	ccaactgata	ctaaaaggng	taattgggat	aaattaattt	480
tagcaaagag	tcctgtntcc	aaagaaaattg	ggcatgtat	ttggcaatta	ccaaaaagtc	540
agtngtcaaa	tatgaatgat	accgtgggtg	gcagtgaaca	atcaatttac	tnaagggagg	600
ctggccttta	ccttcgctct	tngagacanc	tctagcctgg	aaatcatgcc	tgataggatg	660
tcttntctgn	ganggactga	aaataaaagaa	tacctgaaat	ctggangatt	ttaagagggtg	720
gtgtgaatct	gttnaagaaa	ggtgaggaan				750

<210> 4047

<211> 824

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(824)

<223> n = A,T,C or G

<400> 4047

ccctttnaan	tcccttggtg	tnnannagnt	nggaaactna	agcttcgtaa	aaganaggnt	60
tggggaatnng	gcncggggag	gaagcattca	catatnctag	aatantatga	cttggctatc	120
aaccctctgc	cggctgnagc	tccccatnng	ctgtagtctt	gtatgtgcta	tacccaacct	180
anagcacggc	gccatgcctg	gctaatttat	nctcataact	ttctacagag	atgggggtctc	240
actatgttgc	ccatnctggg	cttnaactcc	tgncttcaag	tgatctncng	cctgagcctn	300
ccaaagtgtc	gcgattatan	acttnaancn	atcgacttgg	ctcaaactct	ngttntaatt	360
ggncctttng	tcagaaagaa	tgtgccactc	tgaantttgt	tcnnatatt	gnntcttna	420
atcacttnna	acctattnta	cannnatntt	natttntctca	tgaaantgct	gggattatnn	480
acatnaccaa	atagtgcctg	gctcaaatac	tcgnttcaat	agnncttttn	atnncanaag	540
actntgccac	tnttgatttn	gnntcangng	tgttaagctt	agtancttgc	acttanctgg	600
aacctattat	ncntttnaat	tttacttnna	tnncatcttn	ctaactnnaa	tntcnatctn	660
naatnnanct	ttntaatnnc	atctacnnc	ngnttttnna	attnntctga	tnactgggct	720
anttttancc	ggnnnttnta	aataacgnnc	nnacnnaat	ntntangcat	nnactcttcc	780
cntgtanttt	tctncnaata	aatntnncgg	naanatacnn	nacc		824

<210> 4048

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4048

ttctaagtct	tggttcta	ncntgggctc	tnganctttc	tgcaggatcc	cntngatnccg	60
tataatctgg	gggtacagag	caagaagaag	tacttttgact	ttgaggagat	tctggccttt	120
gtcaaccacc	actgggagct	cctgcagctt	ggcaagctca	ccagcaccac	agtgcagat	180
cgaggaccac	atctcctcaa	cgtctgaac	agttataaaa	gccgggttct	ctgcggcaag	240
gagatcaaga	agaagaagtg	catcttccgc	ctgcgcaccc	gcgtcccacc	caaccgcga	300
gggaagctgc	tgcttgacaa	aggactgctg	ccaaatgaga	acagcgccct	ctctgagctg	360
cgtaagagag	gaaagagcaa	gcctgggttg	ttgcctcacg	aattccagca	gcagaaaagg	420

cgagttttata	gaagaaaaag	atcaaagttt	ttgctggaag	atgctattct	ccgagcttcg	480
caatgccgct	aaggacgaca	agaagaagaa	ggacgctgga	aagtcggnc	agaaagacaa	540
agacccagt	aacaaatccg	ggggcaaggc	caaaaagaag	aagtgggtcaa	aggcaaagtt	600
cgggacaagc	tcaataaactt	tagtcttggt	tgacaaaagc	taccctatga	taaactcttg	660
taaggaagtt	tccaactatt	aacttataac	cccaacttgt	ggtctcttga	agagactgga	720
agattcegang	cttccttggc	caagggcagc	cctttaagga	ncttccttat	taaangann	779

<210> 4049

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 4049

ttccaanngg	ctnggttctn	atncttggcn	annaaaaantn	ggtnggaatt	cggcacgagc	60
tttgcagcct	tttcctgccc	ttaaatttga	taccttttgt	gtaggagctg	cataagngac	120
agttgctgnt	tttacgttnn	cacgcgtgat	cttgacctg	ctagcctgaa	gtgtatgggt	180
tctcttagcc	agttctaat	tttgttcagg	tggaagatgg	atgcctgaag	tgtagactgc	240
tgctagctga	ataccatntg	ggagcataaa	ggtgacctga	aggtagggng	atatgtctta	300
aagcactttg	taatgggaat	ttttatcacc	ttttaaatgt	gggttccttc	tctagttagt	360
tttaatgtca	gtaggtacat	tcngtantgt	tgctctgtct	gtagctatta	aggngagtta	420
ataaatggga	tagcctccac	agcttatttt	tggaaggtt	ttgctgatac	ttcctgagaa	480
gcccanggaa	ataaatagc	atagtctggc	attctgcac	ttctttaaga	tttgttnta	540
tgtgtangta	attgagtttt	ttaaaagctt	gngaaatcng	cangcatatt	accaaagttc	600
ttgattaaaa	tggtaatnnc	aanaaatntt	tngctgtcna	attgagtacn	tttaatttca	660
nctcttaatg	atggnccntc	ggtgnangga	ttttgaaaaa	ttccgaatct	ttcaccatng	720
aacttacctt	aggaattcan	ttnganaaat	tnnncatggg	naantcttgn	nnggantacc	780
tgaaccataa	atttccnngg	tcnng				805

<210> 4050

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4050

ttcccttttg	aaccttgctc	aatnagtcctn	ggttctaatac	ncttntcnan	nagnnaggng	60
ntgggaattc	ggcacgagta	ttagtataaa	gtatatatgg	acatcttttg	gaacaaagat	120
aactaacaaa	agacaagaat	tttcaagaag	gaaaacaaag	aaaaaaaggt	aatcagggta	180
tgttacatag	nttanctgct	tatagtnttt	ctttggttct	gctcatggaa	acacaatgac	240
tatcaatcta	agtaagacta	taatatatta	gaaggatggg	tgatgagaag	tgtgaagtgt	300
tgcaaaggta	aatccttatc	ttccgctatg	aagtatcaat	aagcaatgcc	caaaaaaatg	360
aactattaag	aagtaactgt	aaagttatat	catttanaga	tagagtggag	tatagcaaat	420
gaatcagcta	aaatatnttn	aaaatgggta	ccctctgggg	agtggagat	acatgtatgt	480
attgnggggtg	ggggatgcac	tgcaatgaga	tttctttttt	ttaatccttg	tggtactact	540
tagntctcta	aactatttgc	atctataact	ttgctaaaaa	taacntttaa	atttncaaat	600
tgatcactct	tgtnatcagt	tcaaatngaa	acaaggagat	aacataattg	ctaagnttat	660
ttttggcata	ttnatcact	tgtatatgt	tcantgagaa	taccatgtta	cattcctctc	720

aagcangtnc ttcttaaagt cnaaattgct gnattatttc tcaaaaaacna ttntngnant 780
ncactttng 789

<210> 4051
<211> 785
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(785)
<223> n = A,T,C or G

<400> 4051
gcgtccccct ttgaaactc ttcaaattccc ttggtttnaa nccctttncg caggatccca 60
tcgattcgaa ttccggcacga gatttgcctt aatcttgggt tactagtaat gctatctgcg 120
ctgtgcgtct aaagcctcca gaaagattgc tcaggcatgg cctaatagct tttatcagtt 180
cactcagtggt ctcttacact ttgatacctg aaacctagag ttaactgtgt aggaccaagc 240
tcttctgaag gagtcaactg ctctcctctg tcaataatgg ctgtttatgc caaaacagcc 300
aagagaacct cccccacccc ttccctctgt caaagtgaag tggaacctaa gaatggaagc 360
tagtggctat ttggccatac cccaaccaac ttgctattgc ttaattccat ctaattatca 420
gctgggctgc gtggctcatg cctgtaatcc catcactttg gtaggcgag gcaggaggat 480
cactagaggt caggagtttg agaacagcct ggccaacatg gtgaaacctc gtctctaata 540
aagataaaaa aattagctgg gtatagtgat gggtgccctat aatcccagct actgggagggc 600
tgcagcagga gagttgcttg aacttgggag gcagcagttg cagtgcgctg agattgtgcc 660
cctgcactca aagtctgggc gacagantga gactctatct taaaaaaaaa aaaannaaaa 720
aaaactcgac ctntagaact atagtggagt cgtattacgt agatccnact gataggatcc 780
attgg 785

<210> 4052
<211> 813
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(813)
<223> n = A,T,C or G

<400> 4052
agtctccctt ttaanccttt caaatccctt gggttcangcc tttacgcagg atcccatcga 60
ttcgaattcg gcacgagctt gagagaatag atctagatgg gtggggcacg gttctgggga 120
atggaagggc caaagaggaa agtgggcaat ggtggggttg agaacgcagc ttctggactc 180
agcaggcctg gggtcaaact ctgttaatca ctctgttaa tcccagcgtt ttgggaagcc 240
aaggagggag gatcacttga ggccaggagt tcaagaccag cctgggcaac ataatgagat 300
tccatctcta caaaaaataa aaacaattag ccagggtgtg tggtgcacac ctgtagtcc 360
aggtacttgg aaggctgang caggagaatt gcttgagcct gngagtagtg agtcatgagt 420
gcagtggcac gatcatggct cacttgcagc cttgacttct naggcttagg tgacccccca 480
acctcatcct cccagggtggc tgaaactaca ggcacatgcc accatgcccc agctgatttt 540
ttttagaga cagggttcca ccatgttgcc aagctagtct acaaaagcat ctganttttg 600
gaagtcatg gaatttggtg taacaaaant atnttgatg gaaatggctc tcantgtatt 660
tntggaattt tccattaaat aatttggctt ttttccttga aaaaacatan nntnctttt 720
tnntntnnat acttncctt tnnttantat tatanaatnt cnttcnagcc ctttnncaan 780
ttntcntgga ntnnttatt ncattttatc cct 813

<210> 4053

<211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 4053

tttgaaatcc	ctgggtttcaa	ntccttgccg	aggatccctc	gattcggaatt	cggcacgagg	60
cgtccttcag	atatcaaatt	caagcctcta	aataagacca	aggagtatac	agcctgtgaa	120
ctgatgaaca	tatacaagac	tgacaatcac	ctgaaacatt	atttacatat	cattgaaaac	180
aaacccctgt	atccagttat	ctatgatagc	aatgggtgtcg	tcctttcaat	gcctcccatc	240
atcaatgggg	atcattccag	aataacagta	aatactagaa	atatttttat	tgaatgcacg	300
ggaactgact	ttactaaggc	aaaaatagtt	cttgatatta	ttgtcaccat	gttcagttaa	360
tattgtgaga	atcaatttac	ggtcgaagct	gctgaagtgg	tttttcccta	tggaaaatca	420
catacctttc	cagaattagc	ttaccgaaag	gagatgggtg	gagctgacct	aattaacaaa	480
aaagtgtgaa	tcagagaaac	tccagaaaat	cttgccaaac	ttctgaccag	gatgtattta	540
aaatcagaag	tcataggtga	tggaatcag	attgagattg	aaatccctnc	aaccagagct	600
gacattatcc	atgcatgtga	tattgnagaa	natgcagcta	ttgcttatgg	atntaacaac	660
attcagatga	ctcttcccga	aaactttcac	cattagctta	atcaatttcc	tcttaataag	720
ctcactgaac	ttnttcgaca	tgaccatggg	cannccgttg	gcttcacttg	aaccactt	778

<210> 4054
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 4054

agtcctatanc	agctctgttc	tttttgccag	atccatcgat	tcganttgng	nacnangttn	60
gtgcttnacc	actgcttact	canggcccg	nccttgcccg	catttntgca	nacnnaccc	120
ctancccgang	agcctctggc	agacttaana	gcctgctgnc	ctcaccagn	nncnecatn	180
gccggnctga	gancnagtgn	ngagtcacag	netcagnan	aatgccnaac	gcctcnanct	240
gntcctgacn	gntnccnagg	ggacaccata	tagccttagt	catgnntcat	atgcccggan	300
gaatcttccc	ccaganggga	ctatcctagn	cnacnagatt	tgtgtcnaaa	tntctgcttg	360
ntgttngaac	ctncanacna	tatggnanng	acacactatg	gaagtctgga	attncatgga	420
natttnatga	tatgaantaa	ntgtgtangc	tcctggcata	gcaatgntgt	nttacttcgg	480
agntnaanng	annctggacg	ttgcngacnt	gntccntaat	ncaangcacc	ctnatggang	540
atagcnggac	atnctgggct	tgnnnatnga	tcctgntgaa	gcaannctgc	gntgtgatta	600
ttacccgtng	gctggngncc	accagcactg	gctaagtctn	tacggctnna	gtntctttgt	660
cagnntattn	aatggntatg	taaactttna	gaattaaant	gggnnctntt	gngnnngant	720
annttaacct	tacntntttc	ctat				744

<210> 4055
 <211> 1017
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(1017)

<223> n = A,T,C or G

<400> 4055

gttntcttcca	tcagctcttg	ttcttttttgc	aggatcectc	gattecgttt	tttatagtga	60
tcacttttga	attgtgttca	gatatgcagt	ttcaggtgta	atcatcagag	ctgggttagtc	120
aggcattcca	gatagtgggt	cttttcagaa	ccttttttaa	agggttggtt	aactacctca	180
gtagcagagg	attgaactat	accctgtctg	tactgtacat	agaaaatctt	tgtagataaa	240
agcaaggctt	gntnaatatg	atatgagggt	aagatttttn	atanaccnan	tgtaacnttc	300
ttagngecct	tagtttcaag	aggettgcgt	acttntntat	naccantatn	acacgcctng	360
nntttntcnn	annnnctnnc	tgcacacaca	nacctntntt	tntctgtatt	tctgntnega	420
cannctnnnn	ctntctctct	accctnctnn	ctnantnncc	nttncctccc	nnntccnccc	480
ccnccgacac	ttactnctnn	ctctnctncc	nncctctnnc	tnnnnnnnnn	nnntntnccc	540
nncccnnnnn	nntcnnnact	atctnnctcc	nntctanngtc	tnncttncnn	tctantntnt	600
gentcnnnnn	ttctnnctnn	ttcnnctcat	tctcnnctnn	ctgnnnctnn	nncnnnnnnn	660
tnnnnnctnn	tnntnaccnn	ngnctctctt	ctctnnnnnn	ntntctnnnt	ctntctctct	720
cnctnnnnnn	ngctnnnnat	ntctnnctnn	ntctnnnnnn	ntnnccnnnt	cnctntctnn	780
ctctctgctt	nnctctcann	tcctcnnctt	tnctnnctnn	cctnnnnnnn	ncgcnctnnn	840
ctctctnnnn	ntctcnnctt	nnntcnnnnn	annctnnctt	atctcnnctt	nnntctctct	900
nnctcnnctt	nnntcnnnnn	attctnnctt	nnnnnnnnnn	acctcnnctt	nnntcnnctt	960
nnntcnnctt	catcnnctcc	ctgntntctt	ntcnnctnnn	tctnnnnctt	ntntcnnctt	1017

<210> 4056

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4056

tnnttanana	tacagctctt	ggttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
agggcagaga	atcccttgta	gaaagggtgg	ggagaatcat	aggatattat	aactgtaagg	120
aacatgcaag	attttccaga	ttataccctt	gatagaatag	ataagttcct	taaggctcag	180
atcttgctta	aagtcgtcca	gcctgttaga	gacaagttag	acacgaagct	ggcctctgga	240
gtctttattg	agtactttgt	acaattgggt	tagactggga	gagccctcct	cacttcccct	300
ttcttggtgt	gtaatttctt	gtggggcaga	acacctcaga	ggtttctgtg	catcaaaaata	360
agatgcagca	aagacatgga	aaaaggataa	cgagacanat	tccancanta	agtagatnag	420
gttgngtttt	ttataaaaaga	taacgaggca	ttccttccag	aaatgtggag	cctttgtaga	480
tttcagtgcg	taaaacccaa	ccatgatttc	ctgcagtgat	cacagagcag	aganggggaga	540
aagccctttt	atcacnaacc	ancaggaagt	ctctgtaaaa	tnngtaagga	ttctggttta	600
ntgtgaagaa	ccccattttt	gngtatgttc	tgggccctgg	gaaggacaga	tcatatttga	660
cntcanaata	aatgatcagg	ccagcatggt	ggttactctg	aatcctaccc	tttgggaagct	720
taagtggagg	attgcttanc	cctant				747

<210> 4057

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 4057

ngtattcaca	agcgctngtt	ctttttgcag	gatcccatcg	attcgtgaaa	atacttatct	60
atagaaacag	tgttgtaa	aagagagtct	cagattatca	aatgaaactt	atttaaatec	120
atgtaactga	actaataata	ccagctgcag	ttttatcctg	gctgtaagga	ctaccatgat	180
gggaaaaaat	aagaggaaac	cttaccctcc	cccacattcc	cacatgacca	gcagcataag	240
ggctccaggt	taccacagta	tccatcattt	gtcttatggc	cacccaagta	cacctgttta	300
catgacttac	tgggcctgtg	tagaaattgc	agtttgtgat	aggatcccag	tatagaatca	360
cagaaactga	cttttgaagg	gtaatgtaaa	ggctatttgt	atctaacact	tttttaaaaa	420
acagtatgct	tttgttttat	ttattggagt	atatttttga	agtccctgtc	ctctgtcact	480
gctcagagta	attatcatct	ggtttatatt	ttctagagtt	ttttgtgatn	ctataaatta	540
tgtcttttgt	tatgtaacac	atgtaatttt	tttacaacaa	atgnngntaa	tgctatacca	600
taatctacta	caactttgaa	ngggtttccc	ccgtgggttg	ctactttgga	tctggccttg	660
gtngatattt	tatatnttat	antataggct	ctcgtnngtt	aaattccatt	taaccaactt	720
centggaaan	ttcccattct	ttgaaatggn	cccattaant	tatttaaatt	antttccctc	780
ttggggagg						788

<210> 4058

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4058

gtnagataca	gctctgttct	ttttgcagga	tccctcgatt	cgaattcggc	acgagatgag	60
gtgtgangcc	nttnaatccg	aanaagngcn	cnaagantga	gaacgtgatt	gcntgaaatg	120
ttcatccaga	nattcttgna	tataggagaa	cagggggaga	ctngattgat	taggttggn	180
atatttgtcc	tatggaccac	ggtaacgggg	nttagcnttc	atagtatgta	accaggantg	240
gnagnnggag	tcataagagta	tnggnctct	tnatcccagg	agattcccaa	tggggncagt	300
atctactgnc	cttnnngaga	gaccatgctn	ngetgtctnt	tttanggnna	atcannaatt	360
tagtggtcgc	ccctncaatc	ttcattccac	tcatecentac	cctnttgga	ttcttaattgt	420
natttggtggc	cctgtcctta	tcattttaca	agggtaaatt	ntentccaga	tatangaacn	480
tgtttactaa	actttaagcn	cnttaantta	aacatcntta	cctaagaaca	ntentggtnn	540
caannnggag	ttnacaaggg	gctagcgctn	taaaaccact	ctnctntttt	nccggaagat	600
tgcenntctg	ancttgtaag	ntnangattc	ntgtggacan	gaaganttgt	ggcatnacng	660
tttnacngnt	gggttactan	tgcacntgtc	aactngnngn	gaaatgtcnt	ggatacaang	720
tgtnatgggg	ntgaatttna	acgggacnca	anggtggngg	c		761

<210> 4059

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 4059

ggnnnnnttg	tctatagctg	gctctcgtct	ttctgcagga	tcccatcgat	tccaattcgg	60
cacgagccat	cngtgmctng	cnangggcct	gccccatagg	atggcctcag	caaattttca	120
gtgaactcaa	gttcattgan	ttccaattng	tgaaataaac	tagagggcct	ctctgaactg	180
ccngcctnat	gagaangact	gtgannagta	nccngnccaa	nacagactga	ctgtgacaaa	240

nctagananc	attacaggtt	tctgagaaag	aangaagggt	caagttcaca	ttggtactgt	300
gaccacgnca	gttcattgcc	ctcctanacn	gggctctgca	agctttctnt	ttactggagg	360
ctgnactact	ctttnaagct	gnaacagtgt	gattataanc	ccnnantngg	cccccttga	420
cancatcttt	acaataatgc	tcttggttcc	tcaaccngct	ggtgactctg	aaagctgatg	480
nngacgggnt	gccaaaantc	atnatatann	cagcctncna	aangcngtga	tctctncatg	540
anctcatgna	nccttaaacn	cgtgcttgcc	cnttntttta	caccnttaac	aatnttgaca	600
tncacctnna	tgcctntngc	gaantcaa	ncctgtangt	ccaggcttga	aaangaaaca	660
cccgttntag	gttgggacct	ttccacaagn	tcctnatgcn	gggnaanaa	caatgnnttc	720
attgnnnnga	naatnctgca	atcccattgg	nttttanttn	gtnccttttc	aaacgcgngc	780
cttttaana	tngttgnaa	cccc				804

<210> 4060

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 4060

ttnttcagct	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	cgagcccagc	60
cataatggag	cctgaaatca	ggaattcatg	tttcaagggt	acatgtacaa	atgtatgcc	120
tctcagaaca	atggccattt	tgagaaagcc	agtgaagagc	agccagacca	ggtcctctgg	180
cctagcaccc	accagtgcct	gccagctcag	cccaagtctc	ctcacctagg	atagcttgat	240
ggaataacaa	tgtattttta	ttttctgtag	acctaataag	gctcttaaaa	agtctatttt	300
aaaaatccat	cattaaaaa	cagactttct	ccataataag	aagttggagg	ggctgggcac	360
ggtggctcgc	acctgtaatc	ccagtacttt	gggaggccga	ggcagatgga	tcacgaggtc	420
aggagctcga	gaccatcctg	gccaacatgg	tgaaaccccc	tctctactaa	aaatacaaaa	480
attagctggg	tatggtggcg	cacgcctata	gtcccagcta	tttgggaggc	tgaggcagga	540
gaattgcttg	agcctggaag	gtggaagttg	cantgagccg	agatcgtgcc	actgnacttt	600
tagcctggcg	acaaantgag	actccgtctn	aaaaaaaaaa	aaaaaaactc	gnccttttag	660
actatagnga	gtcgtattcg	tagatccagc	atgataggat	ccttgatgaa	tttggacaac	720
cacacttgat	gccgtgaaaa	aatgcttntt				750

<210> 4061

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (851)

<223> n = A,T,C or G

<400> 4061

anaannngtc	aatgctggct	actcgctctn	ctgcaggatc	ccatgcgatt	cgcttgaacc	60
tgggaggcan	aggttgtggn	gaantcaaga	tcangccact	gcactccagn	ctgggtgacn	120
ngagcagnga	ctccatctca	agaaanaagt	nantaacnaa	tnnttcgngn	atgtgatgac	180
tgactntagt	cnttatggaa	aataacttcn	ggcagctnag	tanctactgg	tcancaattc	240
cgntgtntaa	gagangtnt	acantcnant	netcaatatt	ntcagntcga	tttcaatacn	300
gacacgcnac	cactgaaatg	cngaaagatg	gnaatcanag	tgtgatgttn	ntatnnaant	360
ctcgagattc	acatgtaatn	agacccttta	nettnaatga	tcacnacatn	anaatggnga	420
catgatctta	acttgggaac	atatggantn	tgtatttgnn	aattntagnn	tcacanaent	480
atccctatga	ntgngacacn	catgntcgaa	atctaagctt	tanaatattn	netntgtcag	540

tnaaacagca	tgnttncatg	cnnactgaan	ctaanntccc	aatnaantg	ntcatttttg	600
gatngnnngn	ancacattgt	naaccaatc	gttgncaact	tntgnntanc	aaatnnnnna	660
ccatanctcn	nntggnaecn	atggaagggg	tnnnatnnna	ncaanaance	ttnggncccc	720
ntctangnnc	ctnttngtag	angnncnaan	tccccnctcn	tgnnccanga	catggnnccn	780
ggantacccc	ttcattaatt	ttggctnnta	tancctcaan	anttgaat	ccnnnnnncna	840
naaatnnnc	t					851

<210> 4062
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (762)
 <223> n = A,T,C or G

<400> 4062						
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cttgatataat	actgatcatt	ctatttttagc	ggtaagaacc	caagaaggag	tatggatacc	120
tgtaaaagctt	tctgttcctt	gggaagcctc	tccttctgtg	catattatta	ctgaaattct	180
tcaaaaagatt	ctgagatgct	ctcagtgttt	cattgctact	ttaattttta	tcattatggg	240
attgattgct	gtcacagcta	ctgcgcgggc	agctggagtt	gctttgcatt	tcacagtaca	300
aacagcagac	tatgtaaata	attggcagaa	aaattctact	ttgctgtgga	attcccaaac	360
taatattggac	cagaaactag	ctaatacaat	caattatctc	caacaaactg	taatgtggct	420
aggagattga	gtagttagtc	tagaatatag	aatgcagtta	caatgtgatt	ggaatacttc	480
tgattttttgc	attactcctc	atctgtataa	tgaaagacag	catgagtggg	aaagagttaa	540
gaaacatttg	aaaggtcata	ctggaaaattt	acttttagata	ttatgcaact	gaaggacaaa	600
tatttcaatc	ttctctggca	catctgacac	taatgccagg	aactgaantg	cttgaaggcg	660
cttcaaatgg	attagcagct	attaacccat	taaaatggat	caagacnaaa	naaaaaaaaa	720
aaaactcgan	cctnttaaaa	ctatagnnag	tcgtattcgt	aa		762

<210> 4063
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (759)
 <223> n = A,T,C or G

<400> 4063						
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tcaacaatga	gtatgtggca	ataacaggat	tcaaaccag	atctgttagc	ttccaaagtc	120
cttgggtctta	catgctaccc	actagtctct	tggagggggc	tccggaccat	ggaggtcaca	180
caccagtgtc	ccgagtgtgg	tcctcacagc	acctgcatca	acatgagggt	gggatttgat	240
taaaagtggg	tttctggggc	caccacatt	ctgaatctaa	agttctgggt	gtggtttttag	300
gaacctgtgc	ttttaacaag	tacccttagt	gatttatata	cttactaaac	acttgagaat	360
cactgatctt	tccagtgtgg	tgtgacttat	agacagtgtt	ggacagaaat	gaaacaaagg	420
agaaagatga	agcacagaca	gaaagagctg	ggaggatgcc	ctgcatgttc	ttatatctgt	480
aaatacgc	ctcttctcct	ttgtctcagc	ccttgcgtgt	taaaatctaga	cccttacatt	540
tttcaactat	ttggctccag	cctncccttg	cctgactcct	ggctttgtat	attacctctc	600
tttctgtact	ttcactgcct	tttacaagtt	tgcattttct	gctcattttt	agaagatcct	660
actaagggcc	aaaggaaaat	acactgtaca	gaaacctaaa	attaagccct	ttagaactat	720
agtgagtccg	tattacgtag	atccagacat	gataggatt			759

<210> 4064
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (761)
 <223> n = A,T,C or G

<400> 4064

gntttnnnca	gctcttgtct	ttttgcagga	tccctcgatt	cgaattcggc	acgagattct	60
ccccaaaagg	ttcatcccga	gaacactgaa	gaataatttt	tgggaatggt	aatgatgtgc	120
cacaaaatta	gtatttttatg	atcaaatagaa	tttgctttat	aatattttat	ctaaatattc	180
atgctcctga	agactcacaa	aataaaaggaa	actttatcca	gctttttcca	gaatttactt	240
gcacatagac	tccatttata	tagcatgcct	attgaactct	gtaaaatagtg	cagttcagga	300
aagatagcag	tgtgggaaat	gtcactctaa	tggcatata	cgtttatccc	atgggagggt	360
aaagcatata	ggtgagagga	gagtgatcgc	cctggggaac	tgtaatgaga	aaggattgat	420
ggctgtttca	gttggtgttt	tctgtccct	ggctgctggc	atgggggcaa	gggggagggt	480
gaggctcagg	tcttagagaa	cagaacattg	catttcactt	cacagtcagc	aaagagaaag	540
ccaggcaagc	acccagaagt	cagtgcacca	gtggagtcac	aaaagactat	taattcttnc	600
cacattgaat	tgtgacacac	aggaagctca	ttacagactg	agtgcctga	gtttttatct	660
ggggctagtc	atgtagggtc	ctttggctcc	atgcccccca	attccagact	tccagaaaga	720
aagccagaat	tcaaccttaa	ctggcttggg	tggtcnaacc	a		761

<210> 4065
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (782)
 <223> n = A,T,C or G

<400> 4065

ctcttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagaata	cacaattttac	60
atgtcagagg	atggtagagg	aattgtcact	tatgcttcag	tctgacttag	tgaagcagtg	120
gggccgagaa	agcaatcata	tacgcatttg	tctcacatga	gcagaggaac	agagggatga	180
ctttaagtcc	tgtctgtttt	ttgtccacaa	ggaattttct	tgtgggcaaa	ttgtgagggtc	240
ttttagagta	tcttatttta	ggaataaaat	gggaggcagg	tttgcttgat	gtagtcccca	300
gcttgacctc	ccttttcctt	agtgattttt	ggttcccaag	atttattttc	ttttcacaga	360
ataaattgtc	tttcagacct	agagagcatc	acagtcacat	tcagaaagggt	gtccaaatgt	420
aaatcacact	ttcacataga	attacagcta	tattaacaaa	ttttttcttc	cattgncttc	480
atttgtaata	tataaaaaaac	ttaagctttt	aaaaaactaa	agttgaatta	tggnccttaa	540
aatgatggtc	aatcttatct	tactggcgag	gatatagacc	atttgnctgg	ataatttttaa	600
gtaagttgct	atacagtttt	angccttctt	agntattatt	tgggtggggt	nttctcttac	660
tttccctggg	nccagttttt	accattggga	acccccccct	taatngncca	ccntnttttn	720
cccccccan	aaanccann	cnnttttaaag	gggggaaaat	ggccccnna	taannccnng	780
gg						782

<210> 4066
 <211> 576
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(576)
 <223> n = A,T,C or G

<400> 4066
 gnntnanntt cantatanat acaagctact tgttcttttt gcaggatccc atcgattcga 60
 attcggcacg aggcgtggtg tagggttctt tgtttttggg gtttggcaga gatgtgttta 120
 agtgctgtgg ccagaagcgg ggggaggggg tttggtggaa attttttgtt atgatgtctg 180
 tgtggaaagc ggctgtgcag acnttcaatt gttattaaaa aaaaaaaaaa aaaaaaaaaa 240
 aaaaaaaaaa aaanaaaaa aaaaaaaaaa aaacntcggc ntttaaannt ttaggnngtc 300
 gtnttacnta antcngacn tnatannatc cnttgnaat tttggncaan ccncacctna 360
 atgcatggaa aaaantgctt tatttgnnaa atttgnnatn ctatncttta ttngnancct 420
 ttntaanctg caataancaa gttancaaca ncaattgcat tcatttnatg ttccagggtc 480
 aggggnaggt ntgggnaggt ttttaattcg cgcccgccgc nccaatgcnt tggnccecggn 540
 ncccantttt gttcccttta ntgagggtta attgcc 576

<210> 4067
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 4067
 nngnnnnnnt tttanancag ctctngttct ttttgcagga tcccatcgat tcgaattcgg 60
 cacgagactg aatgggctgt atctggggaa tcaagggtatt aggggttgagc aaaagcaaga 120
 ggaagtagag catttgatct cttttccttt gattagggtg aggacaataa agtctcatte 180
 tctcccttnt tcccatgggc agccttatat atgattgaag aacattantg cananattcc 240
 tcatccnnaa ataaactctn gtacttntat actaattaaa gattcatgtn aattactaan 300
 ttcttggaaa actatggaga actctgtggg ggctgtgnatt cacactttan tatgaattgg 360
 nttaatgacn actgtnatat tggctacata aagaaatgga cgtttttatt tgggggttagg 420
 ggatcacaga tgtggactgg cttaggtaga atgggtccctg agcnaaggag atattgaagn 480
 ttatgaggat gtgcaagata agcagattta cttttgcatt ttattttggg ctatctcagc 540
 ttcttttact agaagctcat gcctataatc ccagcacctt gngaggccaa ggcaggagga 600
 ttgctttgaa gccaggggtt cgagatcann ctgggcacaa anccagaccc tgactntcca 660
 aggangattc aaagatttct gatggngaaa acctcgccct ntaaaactatt ggggtcgttt 720
 acggngatcc nganatgata anancatttt ngagtttggc caaacccac n 771

<210> 4068
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 4068
 ggnnnnnnngn nnnnnncngn ancancactc gnnagnaaag cccttcccan cgactcgaat 60
 tcggcacagag ccacctggt gctctccct ctccctggta ccctgactac cagggaagtnt 120
 tgtgctagag cagctggaga agtgaggca gcctgtgctt ccacagatgg ggggtgctgt 180

```

gcaacaaggc tttcaatgtg cccatcttag gtgggagaag ctagatcctg tgcagcagcc 240
tggtaagtc tgaggagggt ccattgctct tcctgctgct gtcctttgct tctcaacggt 300
ggctcgctct acagtctaga gcacatgcag ctaacttgtg cctctgctta tgcagaggg 360
ttaaattaac aaccataaacc ttcatttgaa gttcaaagggt gtattcagga tcctcaaagc 420
attttaacct tgccgcttaa aacccaatgt accgtgaaat ggggaattttg ctgcattgtt 480
aaactgtagt ggaaaccatg ctatagtaat aaagggttata taagagagaa attgaaatta 540
aatgtgtttt taaatttcaa aaaaaaatca atcttttagga tgactnaaaa attgatttgc 600
catgtaaaat gtatctgcat tttttacaca aaacttgntt taaagcataa aaatttaaaa 660
ctgnnctctt ggatgtatta tacattttga accatatgta ttaaaccata aacagtntaa 720
tgggtggtata ataaaacagg cattaatttn ttaataaaaa aaaaaaaaaa actcggcctt 780
taaactt 787

```

<210> 4069

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 4069

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ngnnntnta tancagctct ngtnntttat gcaggatccc atcgattcga attcggcacg 60
agggtccatta caccgccagc agcaatgtct tcctcgccca tggcagtggg tcacgggtgc 120
agcagtgcaa tgtcttcctc agccacgggt gtgggtcatg ggtgcagcag tgcaagacct 180
tcctcagcca tggcagtggg tcacagggtg agcagtacaa tgccttcctt ggctatggcg 240
gtgggtcacg gacgcagctg aatcttgaac acacctgagc ctctgcctcc acgtgacttg 300
gcggtagcaa ggaatgaaca cagttatctt ttttaacaaa atttttagatc atgatctcgc 360
tgtactcgtt gacagtattc aggtacttgt tgaagaatta atctctgctc ttctctgaag 420
tctgatttaa tcacccact cagctgccag tgaattggg ggtcatccat cgcctctcgg 480
atgtggctgg ctgtggctct tctgaaaagt ttctttcttc tgccttggtt ccataatttag 540
ggggaaatca gcaagattct agagtatgta tgtgggctgg gtgcaagtgg ctcatgccta 600
taatnccagc actctgggag gcttaagcgg gtggatcacc cnangccngg aatttgagga 660
acagtgtggg gcaacatant gagaccttgt ctnttccaaa ttaaataant taattnnnch 720
gggaaannnn nnnnnngnnnn ntntnnnnnnn nnnnnnnnnn ntntnnnnnnn nnannnnnnn 780
nnnnnnntna nntanaact 799

```

<210> 4070

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4070

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ggnnntttta tcagctcttg tttttntgca ggatcccatc gattcgaatt cggcacgagg 60
atatgcttta gaattaaagg gagtggattt atctctagtt tgagacaaag agaagcgaag 120
taacaaaagg ccacataagt gataaatagt ggacctggag tttaaacctg ggatccccac 180
ctaaatcaga aatacaaaat caaccacttt tttgatgatc cagggtctat gtatatttat 240
tacatgtatg tatatatgta tatatatatg catgtgtata tatgtacata catacatata 300
gatgtgcttg tactagtgtt tttcccacca gatagtttag ctttcttctc cccttgctca 360
cttttttttt tttttttttg agatgaagtc tcactcttgt cccccaggct agagtggaaat 420

```

```

ggcacgatct cggctcactg taacctccgc ctcttgggtt caagtgatcc tectgectca 480
gcctccccgag tagctgggat tacaggtacc tgccaccacg cctggctaatt ttttgtattt 540
tcaatagaga cagggtttca ccatgttggc caggatggtc ttgaactcct gcctcagggg 600
gacccacccg cctcggncct ccaaagtgtt gggattacag gcattgancca ctgnacccac 660
ccaaggggna aaacttttat ttagaaaaaa cttaactttc actcgttaga aaaacgngtt 720
ttgaataatc taatttttaa aaatgcatta actatgtctt atnttggctn acacatttta 780
attgn 785

```

<210> 4071
 <211> 792
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(792)
 <223> n = A,T,C or G

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<400> 4071
ttnaaccagc tcttgtcttt gcggatccct cgattcgaat tcggcacgag gaggaagtga 60
gattgtgcat gacatacttc tcttttgtat tctctcagtg ccttacagca ggttactcca 120
ttctgctatg acaacttggt tcaaagtta atttacatag gattttttat aagccattaa 180
ggcatatgta tagtatatca gtaaagatgg atggtgcata tataaatagt cttctgtaat 240
agtgattgga tttactttct aattatgaga gacaaaaatt atccccctac ctgtctctat 300
tctttcaaca ggttgatccc ttttcattgat ttttcattag gtggttcagg aagtttccat 360
attacagcgc ttcagactgt atatgttagt ttaaaaaatca cttttctctc tctcaacttc 420
tttctttttt ttttgaagac ttaatttaaa aaatttgggt tgtagatcc gtatcataga 480
tttggcctag cctcttctgt taacctagtc cacagatgag cgaatctggt tagttgaagg 540
acattgtgat ttgactctgg tcacgcgagg aagtagaagg gcaaagacag gaccggcagt 600
ttacatttcc agtggttaaa cctcacggga ctttgggacc tgcttggtta ctttttgggg 660
gtggtctgga ggccaatcta acctggacca tttctggnc cctcaacaa gagagaggga 720
aagcaacctt gggccaatga ggagtaaaaa taaccttggg ctttcagaga tttgaagaat 780
agaagaactt ct 792

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<210> 4072
 <211> 802
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(802)
 <223> n = A,T,C or G

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<400> 4072
tgnnatctat gctggctctc gttcttttgc aggateccctc gattcgaatt cggcacgagc 60
acacttggag ctcatacaaa ctttttccca ggctattgtc tgttcttcaa gccatttcac 120
ctccccataa aatcatgtat tcttccctca aaattgncta ttatcttcca ctccctttc 180
ccccatgaaa agtgttgagg cttattctga gccaatatga gtgaccatgg cctgagaacc 240
caatatgagt gaccatggcc tgagaacct ctcaagagct ccttcaacag ttgtgactga 300
gcttgtcang ttgcagtttg gttttatata ttctaggagg acaggaatta taggtaaaat 360
cataaatcta tatntagaan gtntacattg gttcagccta aaggggtggg atatcttgaa 420
ggcanggttg aggggatgct tacagatcat angnnaattc aaagattttc tgattggcag 480
ttggntgaaa gagttaagtt ttgtctaaan acttgaagtc antagaaaca aaaatgcttg 540
agtaaagata aggggggtng cgagggccaa ngtttttggg atgttnnatga agcttcatag 600
atcacagnct tnnagagana tagaagataa atgtctcttt tcagacttta aaaggttcag 660

```

actctcaggt	taatctcttc	tagatccang	aaaagcctcc	aaaagaaaag	gacctgactcc	720
cattaatggg	ggattcttnt	tacaanaatg	caaaatttnc	ccccacaaaa	nnatggcttt	780
tnccagaacc	ccatttcaaa	at				802

<210> 4073
 <211> 887
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = A,T,C or G

<400> 4073						
ntntatnnag	ctcttntctt	tttgcaggat	cccatcgatt	cgaattcggc	acgagactgg	60
ttaaataagcc	cttgatgact	tttcatgtgg	catgagaggg	atatgcttat	aaagcttaat	120
tctgatatta	tcctcttact	acctacagta	tgttttgcaa	aatcagtc	acttagcaaa	180
ctaactcttg	taaagcagtc	agtttcagaa	gatacttttt	atcaaaaaag	atggcagggt	240
taacattata	ccttttggtt	tttgcccaac	atttgattta	atctaaagca	agaatataaa	300
ataattttta	gaagcatata	atttcttttg	ataaaaaagta	acaaaaat	aatgcagatc	360
aaagaccaag	gcttgtaacc	aaaacaagca	aaaagaaact	ttagctgttt	aactatcacc	420
tctctaattt	aaaatgcatg	aaaattaata	ctttgttttt	gttttttttt	ggaaacagtc	480
tcactctgtc	acccaggctg	gaggctcgag	tgagctgaga	tcctgccact	gactccaacc	540
tgggggtaac	agagcgagac	tctgtcttca	aaaaaaaaaa	aaaggtgtna	tttggaaatg	600
gaaaaatctan	ggtaaaggga	agctttnaaa	aatgttggtta	ttttttttcc	ctggnaaata	660
aaaccttttt	attggaattt	aaatggncct	ttgggnaaaa	aaggaaacntc	caccattgga	720
aaaaaggggng	ggcctttttt	tatttntttt	tggggtaggg	ggaaatnaaaa	aacccctttt	780
tggggcccnt	tttnaaatan	ccccnttngn	cccaaaat	ggaaaagccc	aatttttttt	840
ttaaaatgga	anggggttta	ccctgggnaa	atttgggttt	taaaann		887

<210> 4074
 <211> 851
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(851)
 <223> n = A,T,C or G

<400> 4074						
ggnnnnnnncg	nnnatttaga	ccagctcttg	ttnttttgca	ggatcccatc	gattcgaatt	60
cggcacgagg	agtatttgct	ggtgcattgg	agagtttcac	gtaattcttg	tgcagattca	120
gcaagagagt	tgcccgcat	gctttgcaca	gccctggta	cccagtaagg	cgattattag	180
cattgggtgct	tgctggaatc	agatattcca	gaatattctg	tcacagctca	tcgntgccct	240
cttcttttct	gtgggtaaac	tgaggcagaa	actcaggctg	ggtggaaactc	tgcagcctca	300
gctggagacc	tcgtctggcc	aaggactgtg	gggacacagg	ccctntaggc	tgccacctca	360
tggtcccagc	atgagggcac	cagaactgca	cagaaagtct	cactacccaa	gtgtctgagc	420
caggccagac	tgtgctagcc	agacctgccc	gggggttcatt	cactgacctt	tattgagcac	480
ctactgtatg	ccagcccca	aacctggctc	tgctcatgga	aaagaacttc	agtggaaaaca	540
ggtcctggga	tgaacaangg	cctggcctgg	cctgggtgatg	ccactatttc	tttaaagagg	600
gagagtggac	aattcccggga	tttattgtca	ggggggagggt	cttcattttc	ttgctggtnn	660
taaccanaaa	taccacaaag	acttggggtc	nttttttagaa	aaccatttag	aaaactngan	720
ttttcgtacc	ttgtttctag	aagggttggg	gaaagtcccc	nngaatacaag	ggtggccnag	780
ccagggntnt	gggttgctct	gngagggggc	cactanattt	gggnttccaa	agaanggggc	840

ccccctccttt t

851

<210> 4075
 <211> 836
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(836)
 <223> n = A,T,C or G

<400> 4075

tatnchnagct	ctcggttcttt	tgcaggatcc	catcgattcg	tcttgactga	ggttcccatc	60
tttcttantt	ctcttaagga	tgtgctatcc	tattctagat	gcataaggagg	gaagntaatc	120
cagncttaga	tcancagggc	tgngttcttt	ctcagaacca	taccnnaaaa	agcctnanta	180
gaatttttagg	aaagtctctat	ttagaaagaa	actaagaatt	atgattaagt	tttggectaa	240
gcaacttaat	angcagnggt	atcattttatt	gngaagcaaa	tnacataaga	agcangttnt	300
ggggcttggg	aggaggttaag	ggcngaaagt	tngntattnt	tttttaaactn	tgtntaatnt	360
gagacacctg	ctagatatcc	tantnaaatg	tcatagacac	ntnaatggtn	cacaactttg	420
aaactcagag	agaggtcann	gctggatata	aacagntggg	agtcaancnt	attttatatt	480
atttaaatcc	anaagactgg	atacggcaag	ttnggagggg	gtttcaatgg	anaancaaaa	540
tttttgactc	tgnggcactt	aaacatttta	agntctgata	aataggagag	ggcccancaa	600
agggaaattt	gaaagaacca	atcattttacg	gtanggagga	aaaaacttag	aaggggggata	660
aatatcttca	aaaaatcaaa	aaaattaatt	ggcntttttc	aaagaaaaat	nnaggnggnt	720
tanccccctg	tggttttaaag	gngnggttaa	agtattcacc	ttggaanaaa	nanggttcaa	780
angggcaaaag	aaggcccaan	ngggggccct	ttttttaaaag	naaacttttt	tccccn	836

<210> 4076
 <211> 852
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(852)
 <223> n = A,T,C or G

<400> 4076

nnntntttnn	antacacgct	ctngttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagcnaagc	tgtttttatan	attanggaga	ngagtgagga	gagaggaata	ggatagacna	120
aggtnagat	agggancact	ggagaagaan	acctcanagt	gaggcacagg	aagaggtgtg	180
aangggaaaa	gaagtggcan	atgtnacgga	agagccccctg	nccatgagag	anantggngg	240
gantggnaag	gaaggggaagt	tatggggcat	gggncacata	gcacacaaca	cnacagtaag	300
gctagagata	tnaaanaaac	aatgattctg	agctncataa	gtagcnatct	cncgcttaat	360
agacataggg	ngtanctgtg	acatggcgtn	anctacagna	ctggacatna	tcacctttt	420
ntaggggaagg	agggatgcct	gcagnggcct	aactccanca	ngttatcatg	tgctatggaa	480
gtntcgnnca	caatggnggc	cnccantcat	gtgtccaacn	ttaaataagn	ctgtcgtngc	540
tnaggaccta	nnntgnaatc	ttaatttcat	tttaaaatnt	aaatnttccg	naatggangc	600
tcaaggetng	cttctttttt	ggaaagtgtc	ngaactgaat	tgaaaccggn	ttnnaaaaaa	660
aggattagta	ccccctggtn	tttccccctg	tnccgggggca	ttaaagtntc	tttaanccct	720
gggaccnctc	cccggtnggg	nccenttnna	aaacncccaa	aatcccattg	gcccccatg	780
nattttttta	aaacaatttt	tnaangntag	naantntttt	gaaaaaaaaat	tgggaatttg	840
gggggncccn	nt					852

<210> 4077

1274

<211> 897
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(897)
 <223> n = A,T,C or G

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<400> 4077
cgnnnnnnnn tnnnanggct ttgccactaa ctgaaaccct ttgnacccan cganncgaat      60
tcggcacgag gttgaaggta tgtgtcantt ttaaccaggt gttgagttat ttgatntttc      120
ctncanagat tatttaatat tttcaataat atctaataat gtgtgggaaa ccgtaaaatt      180
tttcatacaa actgggacaa atgaacatgc atactattaa aanactncct acaatacggc      240
ataaaaanggg ctttcttagg ngaaccagga ggtatagnca gcctaatacat nngctatgan      300
tattagtnat ggnaggctgt gttttatcac tcatatatgg aaatcttttt tgaatgacta      360
ctctggaaat gacgactgaa tctcactactg tgtacacacn tnatcanagg acacttaatt      420
gnattnanna anatannttt gaacttacct tgngttagag ggncagagag gttcatnate      480
canaaaaaatt atnatgtggg gctttnttcc tttgggaaan tgaccgntca cacnncaggg      540
catgtgtttc tctnataacc ttcaccccan ggggcncttt ctcttnana aaaannnggn      600
gncatgaaan ntntatnatt cttnccctn cccnagtnen ttgntnttgc ttaaggnttc      660
nnccnnantg ncaaggtnna naaanngaaa aaaagaatnn tgggnaaagg caattntcac      720
aaacttntaa aaagccgggn atcntttgnt ntngggtaaaa nctcccnnn cctantttta      780
anattntnnn cnnctccggg gggggatatt nnnnggggcn ntntaanncn nnnnnanann      840
nnaagngatn gngngngccc aannccaacg anntntttnt aaaaagngt aaaagcn      897
  
```

<210> 4078
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

```

<400> 4078
ngnnnnnttg gatancagct acnggtnaat ttacttcctg caacgncccg aatncggcac      60
gagggttaggt tggacacaga aggggcaatc aaatttctgt attcagatac cttttaaagg      120
tacactgtgc caccttgctg cctttgattg caaatacaaaa gttaattttc aaaaaggaaa      180
aacaaaacag ctctttttcc taaaacacat gttgtacttc agacctaaaa ttctaagtct      240
tatttgtttc tcacccatga gttagattta ggtaatatga ttagtagagt ccttagagaa      300
tcttaagagg tcatttactc cacctctttc attttaaatt ggggtatcca aagcctgaag      360
aggtggcctg gccaatattg accaaggat aactaaatat gagctagcat cttcttcctt      420
cttctcgcta tcccttggct ttaaaagatt tagtacatga agaataatgc attagcaaaa      480
agctcctagt ttgtgtttcc cctttgtgtc tccctgttgg ctttctgaga caacctgaat      540
tttgccaaca aaatatcgca gagggattta tattaattat tttttagtta gatgaatatt      600
atattcttcc catccaaagt gagtgatttg ctagggttgg ttagggaggg aaaaagcaag      660
aataatgtga gaagaatcta aatgcgaagt tgattttgtg tggnaaactg gttattagtt      720
ccatcaggaa tttctgnttt tattttttga gctattgaga agtgcatgca gatttgaaaa      780
attagg      786
  
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<210> 4079
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(800)
 <223> n = A,T,C or G

<400> 4079
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 gaattcggca cgagggcagc agcagcagca gcagcagtgg tggaaacgagg aggtggagaa 120
 ttgagagcac gatgcataca caggtgtttc tgagtagtaa ttagatcgct gtgaaggaaa 180
 aagcacacct ttgagttttc acctgtgaac actatagcgc tgagagagac agtctgaaag 240
 cagaggaaga catcgatcag taacaccaag agacaccaa gttgaaagtt ttgttttctt 300
 tccctctgtt ttatttttcc cccgtgtgtc cctactatgg tcagaaagcc tgttgtgtcc 360
 accatctcca aaggaggtta cctgcaggga aatgttaacg ggaggctgcc tccctgggc 420
 aacaaggagc cacctgggca ggagaaagtg cagctgaaga ggaaagtcac tttactgagg 480
 ggagtctcca ttatcattgg caccatcatt ggagcaggaa tcttcattct tccaaagggc 540
 gtgctccaaa acacgggcag cgtgggcattg tcttttgacc atctggacgg tgtgtggggt 600
 cctgtcacta tttggagctt tgtcttatgc tgaattggga acaactataa agaaatctgg 660
 aggtcattac acatatattt tgggaagtct tttgggccat taccagcttt ttgtaccaat 720
 ctnggggtgn actnctcata atacgcctg cagctactgn tnggatatnc ctggcatttg 780
 gaacctacc atttttggaa 800

<210> 4080
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 4080
 tnnnnntttt anancagctc ttgtttctttt tgcaggatcc catcgattcg aattcggcac 60
 gagcttgctt gaaatacaga atgtccagat ctactgagtc agaatttaca ttttcaaaag 120
 cttcctacgt gactcatgca tattaaggtt tgggaagcac tgacttagat taccttttga 180
 gaattccaga tgggtcagaa accagacaga aatactcagt agtgagaagc tatgggtgat 240
 cagaagctgt taggcatttc atggtttggt agtgagcaag acagatagtt ttcctgtatt 300
 cagcgactta gtctagagag agacaggatg gaattaagtg tttagggtgt agccaaaagt 360
 aaagattcgt agaaaacaag ggttcatatc ccagtcattc aagtgataaa tttccctgc 420
 ttaacattta gattaaaaag taataattag gccagggtgt gtggctcaca cctgtaatcc 480
 cagcactttt ggaggctgag gtggacagat cacttgagct caggaattcg agaccagcct 540
 gggcaacatg gtgaaacccc atctntacaa aaaataccaa agtcnngcac ggttggttgt 600
 gtgtgctgtt ggttccagct acaccggang cagangcagg agaatcactt gagcctggga 660
 ngcaaangtt gcaatgagcc aanattgggt ctttggactc tagccctggg cgacangggag 720
 tgaaacagtc ttcaaaaaaa aaagcctnta aaactatagt gagtcgttta cgtngatcca 780
 gacn 784

<210> 4081
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 4081

nnnnnnntttt	atancagctc	tngttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gagcttggat	gtatgtttta	atatgtatac	cttataatcc	tgcctctagc	caaagtctat	120
gtttgcaaaa	tgtggcatct	gttagttttt	attgtctgtg	tcttctttgt	ttactatacc	180
ttgggtaatt	ttgtgttacc	aaaaaaaaaa	aaaaggaagt	gtaatgtcag	acacacaaga	240
aaagcaaatc	agtgttgtaa	gcttaaagta	caatttcaaa	ggtcattacc	aacagcaggg	300
ttttttttat	actttaaaaa	cattatgcta	catatcattg	ccattttcat	attttggggg	360
tttgctactc	ttatacaatg	gaatcaatgg	aaatgtcatc	cagccactga	attgccatta	420
ttatatctaa	aaagtttcta	agatgacagt	tatcactatt	ttgttttata	tccatgctga	480
catttgaaag	aaggtctagt	atccctctag	ccagattgct	tagtttttctg	ttggtaatca	540
aacaacagtt	gtactaaaag	aaagtaaagc	taggacctaa	atcagaatca	tagttgcctg	600
catatatggt	aacaaggncg	tgtgcatttg	ctttcacagt	gatgagttag	aggatgagaa	660
naaattattt	gacatttttc	ttgtgggtga	atagaanaca	cctttctttt	gtcttttaggg	720
ttangngnga	gatactaaaa	aaacctggga	tgtttatcct	atcttaaatt	nggggtgggag	780
taataaaaaa						790

<210> 4082

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 4082

ntatnctggc	tactngttct	ttntgcagga	tcccatcgat	tcgaattcgg	cacgaggttg	60
gttgctcaact	ttgcattata	ccaccacttt	gtaatatctc	tgccttgaag	aggaaaaacc	120
aggaacattt	cctagaatcc	ccttcccgtt	atgatcccaa	gttaggatat	gccagtgaga	180
gggtgctgtt	tagtcccttt	tgcctgctgt	gacaaaaatga	cacagactgg	gtagcttata	240
aacaacagaa	atttattttcc	cacacttctg	gaggctggaa	agtcgaagat	caggggtattg	300
gtagattctg	tgtctggtga	gggctcattt	tctgattcat	cgatggcacc	ttctcagggg	360
tcctcacatg	cggaattgat	aacgcagatc	tctgggatct	cttttataag	ggcactaatc	420
ccattcatga	gggttctgcc	ttcataatct	aaccacctat	caaaggcccc	atttctagta	480
ccgttacctt	aggggttagg	atttcaacat	gacctctggg	gagatacatt	cagcccatag	540
caggtaactca	caatagaata	agaaggcaaa	gcaagggaagc	ttttattctc	aggatgtggg	600
aaagcatcac	ccacttctcc	agtaagttgt	ggncgttttc	aattttctcaa	tttcttcacc	660
agcttccact	tttgcagttg	tgtcagccaa	tcaacgacag	ctttccaaaa	nttccgtgca	720
agtgcctgct	tttganggca	aaggnggnca	taaaatngga	agcttcttca	ggctccttcc	780
acaatctn						788

<210> 4083

<211> 889

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(889)

<223> n = A,T,C or G

<400> 4083

ggnnnnnnan	ngnnntttta	atncttgcta	ctcgttctnt	ntgcaggatc	ccatcgattc	60
gaattcggca	cgaggaggaa	gcatatacca	cagaacattg	gctggtcagg	atatacaagg	120
taaaggacct	ggataatcga	ggcttgtaaa	ggacataaat	gtnacgtcca	gctctnatat	180

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gcttcgcact gagcacatca catttaggac gttgaagatt tttttttttt ttttaatatg      240
cannttgtaa gaacaaaact ggatggcatc anaattgnct ggaagttttg tcttgggcca      300
aatgaaatga tttttataat tctaaacagg ttaccaaagt aaatgtcatg gctttacttt      360
ggccaattaa aggggggaat ttttttttaa aaantgaaat gctnacactt atntctgnaa      420
antatatnga aaatgnatac cntggngcct attgangntt ttggnggggtc antttcnntt      480
taccnncncc ccaantnga aactttnttn nttttggnc ccccccccc ttttgcnnng      540
gcnttaant nacaaanttg ctttttttcc cntnaangtn tgggaaaaaa nactttntcc      600
ttnttntttt aacccctttt cccccngng gtttcttgnt taaaaanntt cctntnttaa      660
aaatagncaa ctctttnttt ttnttttnaa ngggntacca naaaaaaaaa aatagggggg      720
ggttntntaa anatgggatt ggccecnncn acngggaacc caattgggnt cccttnnaat      780
aaaacctttt ttttnccaan atnaangggg gcctttttcg cntcnantnn ngcggetttn      840
aaaaggggcn ntancccggt gtttcttttn gggnaaatcg ccccccttc      889

```

<210> 4084
 <211> 828
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(828)
 <223> n = A,T,C or G

```

<400> 4084
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gagagggggg gggcccgtac gccgattcca tatgggcgcc ggcgcggagc gccgcggggc      120
agcgcggggg cgccatggct gagctgcanc agctccgggt gcaggaggcg gtggagtcca      180
tgggtgaagag tctggaaaaga gagaacatcc ggaagatgca ggtctcatg ttccggtgca      240
gcgccagctg ttgtgaggac agccaggcct ccatgaagca ggtgcaccag tgcacgagc      300
gctgccatgt gcctctggct caagcccagg ctttggtcac cagtgaagctg gagaagttcc      360
aggaccgect ggcccgggtg accatgcatt gcaacgacaa agccaaagat tcaatagatg      420
ctgggagtaa ggagctttcag gtgaagcaca gctggacagt tgtgtgacca agtgtgtgga      480
tgaccacatg cacctcatcc caactatgac caanaagatg aaggaggctc tcttatcaat      540
tggaaaataa aagtttttgc cagtggccat caagggcttg agggcaagaa tatatttttt      600
attagggaaa aaaaaaaaaa agcctnttng aacttttagt gagttcgtat tacgtanaat      660
nccagacatt gataaggata catttgattg aggtttggga ccaaaccaca accttggaaat      720
tgccagnngg aaaaaaatg cttttttttt gtgnaaaatt tngggaatgg ctatttgggt      780
tttanttggg aaaccaatta ttaagcttgc aaataaaaca aggttnan      828

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<210> 4085
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

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<400> 4085
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ggttactttt tttctcacac aaaggaaaaa agagactatc tttagggaaa cactgcttta      120
aatcatcttc cttgaatatt aattctctgt tgcttctctc aaaaatggag aaaataatcc      180
ctaccctcat aggettatta taaggctcaa ttatgataat ggtgtgaaaa ctttgaaaat      240
tagacttcag agaaattgag ttaatctggg attatttata aatgtcttag taacccaaag      300
tttaaaatgt gttttgtcta ccaactgggt gcatgtacat ggttaatcca aaaggctcag      360

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cttttcagca aatggaaaaa gattaacttc tttatggatc acattatgag atgaaacaca 420
tttcatttcta gctgctgaaa aaatagcaac atgtttttga aaccattgtg attttgtatt 480
gcagtcacta aaacatcaaa tatatcattt ttatgtttaa gtgccctaatt ttgtgtgtgt 540
acataaaaact tggagtacct tggccaaata gaagaaatta atgtgccgag tgtctgtttt 600
aaaagaatga aatctgagcc cagtgtgang ctcatgcctg taatcccacc cctttgggag 660
gcttgaggca nggaaaaatg cttgagtnca ngagttggag accancccg ccacatangg 720
agaccttttc tnttccaaaa aattaaaaaa ttgnccgnca tggggggccc atgccgtgta 780
ggncncnt 789

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<210> 4086

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4086

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gnnnnnttcn aatactgntc ttgttctttt gcaggaccca tcgattcgaa ttccggcacga 60
gaaacagtct atacatgttc agtacagatg cagccatcca ttttcttgtc caaatatttt 120
ttatctccag ttggttgaat ccattgatgc agaaaccacg gatacggaga gctgactctg 180
tgtgtgtgtg tgtatactca ccaattcttt atttattcaa caaatattta ttgaatttct 240
actatgtgtg aagcatagtt cacgaccttg gggatatagt agacaagctc cttgccttat 300
tgagctcaca ttcttatggg gaagggcagg ttcagggcct tctcagatct ttgctgggca 360
tgcacacagc cctgtgcata tgctgctttg tggattccca caatgagctg aagcttttca 420
aagctcctag ggacgtacca ttctctggct tttccttttg agcttttaggt tagccttttg 480
tttgccttaa tatcaccac tactcaggca ggaatgaagt caaacaattg tcttgaaata 540
ttttcaataa atgcctctgg agaaaagggt ttttattttt ttagccctgg ataagatcct 600
ggttagggta aataaangca gccttgcaag tgggggcttt ccnggaagca ccagacagac 660
aaataactac agtccatgag aatgaacttt gaagggtctt naccctatc tgccttatta 720
agggntggca ngntcctggg ggtcancaag atgggggact gggttggttt caagn 775

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<210> 4087

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 4087

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tnnnntttta atcagctctt gttctttttg caggatccca tcgattcgaa ttccggcacga 60
gggccagcgg atcgtgcca gtggccttga aggcagctgc tgcaggtgaa gagtaggcgg 120
cggggcagag agcggcctcc gagggtcacc tgaatgggtg agcatggacc ctgttgctac 180
ccacagctgc catctgctcc agcaactgca tgagcagcga atccaaggcc tgctttgtga 240
ctgtatgttg gtggtaaaag gagtctgctt taaagcgcat aagaatgtcc tggcagcatt 300
cagccagtat ttaggtggg tatttttagac ttcatctccc tagctgtgaa ttaagggtaa 360
agctctttta gtatggaagt attcatattt tggtctcctt ggatttcaact atctttatct 420
tttatagcac attggatttt gtaggagttg ttttaatttt taagtttgtt aaccattttt 480
attatttttg cttttgngtt tagagtaacc tgaaaagaaa agaggctctt aagtaaaatg 540
aatttgggat gactgaaagt attttgggtg nttggctttc attttactaa ttctggctaa 600
tgteannctt ctacatatat ttcttatcct ttcaagaaaa aatgatgggg gaattaaatt 660

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ncnngtcana aattttnttg tgataanaaa tcaggggaaa aacatatttg ggggtggant 720
 tcttnttttt tttcttaant aaannnttta ntttggntn tnatttnaaa 770

<210> 4088
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 4088
 taaanccgct cttgttcttt ttgcaggatc ccacgattc gaattcggca cgagagggaa 60
 aatatgacaa acctcaacta tgggagttgt ccacaataca aaattttgaa aaaacattac 120
 atagtatac tatcatactt ggttgtagg cttgttgctt cccacatca gaggcattca 180
 atgatttatc ttttgtaatt gctgtgaact tttttaaata agccatttag tgtgaaattg 240
 tcatgtatca aatggctatt ggaaatggac ttactcaat tttaattcca ctgtaataaa 300
 ggacggagtc attcctacaa ggctctcttc agagaaatag attaaaagtc caatttccag 360
 gtattattag tatagttatg ccgctgggac acatcctcaa caacagctga tccctcttgc 420
 ataaatatgt taactgtgca gaacagttat gttatgggac aaatataatg gtcattatgg 480
 tcagattggt tgatgccaca ccagtcaagg tagagtctga tagggcagta tcttaataac 540
 cctcccatga cttaactgtt ggatttgaaa ggaaaacgta ggatttgctc ttgnccctt 600
 cccccacaaa attttgataa ttgttttaa aagggagang cngaggaaaa gactngaacc 660
 ttaaangct gctttanggt ttgccagang cccatactta acattagttc ttaaaattcg 720
 anggtatttt actaatgnaa ttaatcaaca gagcccnag gantttttta tggg 774

<210> 4089
 <211> 844
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(844)
 <223> n = A,T,C or G

<400> 4089
 nnnnnnnnn nttntatana tacagctact tgttcttttt gcaggatccc atcgattcgc 60
 ttgttttaaa gataattgct agatttatgt tttagctttc cataaaatgt aataacataa 120
 aataaaatat aaataaaata tgaaataaaa taaaagccat ggggaaaagg tagggtttga 180
 ttgctaataa gaaatttctt ggaaaagaga ctagctctct tttggttttc caaagtccac 240
 attttataac attttttagtg cttggtgttt gcttgtggta ttacattaga taaaatgta 300
 tcacagtgtt ggtttatact ggatgtttta ataggattca ttgaaagggg tgtgttttct 360
 ttctgaggaa tacttactca gcattttctt cagaaagtta cttgctgcta atcctttatg 420
 gaggtcttag gggaacatca ttttcttgcc ttttccagct tctacaggct gtccacatcc 480
 tcagctagtg gcccttttct atcctttttt ttttcttga attatgagat tttttgtact 540
 ttgagttctg ggatacatgt gcagaacgtg caggtttgct acataggtat acaagtgcc 600
 tgggtggttg ctgtacccat caacctgtca tctacattag gtatttctcc taatgctatc 660
 ccacccttag ccccttacct cctnacagtc cccggtgtga tgttccctc ctgtgtccat 720
 gtgtgctcat tggtaactn ccacttatga ntgagaacat gcannnggtg ggntttctgg 780
 tctgngtga agttgctgan aatgatggnt tccagcttta ttcattgctc gcaaaggaca 840
 tgaa 844

<210> 4090

<211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 4090

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ntgcgntncg	aattcggcac	gaggccaaat	gccggaattt	aaaacctggc	ttntaaaaag	120
aatgattttg	aacaaggcga	attatatattg	agagaaaaag	ttgaaaattc	aattgaatcc	180
ctaaagattat	ttaaaaatga	tcctttgttc	ttcaaacctg	gtagtcagtt	tttgatttca	240
acttttggct	ataccctact	ggcagccata	gtagagagag	cttcaggatg	taaaatattg	300
gactatatgc	agaaaaatatt	ccatgacttg	gatatgctga	cgactgtgca	ggaagaaaac	360
gagccagtga	tttacaatag	agcaagattt	tatgtttaca	ataaaaagaa	acgtcttgtc	420
aacacacctt	acgtggataa	ctcctataaa	tgggctgggtg	gtggatttct	gtctacagt	480
ggtgaccttc	tgaattttgg	gaatgtaaat	ctttatgggt	accaagttgg	gctgtttaag	540
aactcaaatg	aaaatctttt	acctggatac	ctcaaaccag	aaacaatggt	tatgatgtgg	600
acccagctcc	ctaacacaga	gatgtcttgg	gataaagagg	gtaaatatgc	caatggcgtg	660
gggtgtgtg	gaaaagaaca	aacgtatggt	tccgtgtaga	aagcaacggc	attatgcttc	720
acatactgga	ngggcantgg	gtgccagtag	tgtcctctgg	tcctcctgaa	aantgg	776

<210> 4091
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 4091

ngttttaaan	atacagctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggaatgga	gttccacctg	ggctgtttta	ttaactatnt	gcccctccgt	ttcttcatct	120
gtaaaaacaga	aatgataacc	ttactattaa	ttgtgtgacc	ttggacaagt	tacaacatct	180
ccctgggcgc	gattgtccca	tctgaaggtc	ataatagcac	ctgccacaga	ggatggtagt	240
aaggattaaa	ttagttaatc	catgtaaaatt	acctaggtaa	gtgcctgcca	tatagcaagt	300
gcttgggtact	tttttttaaa	aatcactggg	atgactattg	cagacacctt	tgccatgatt	360
ggaatagctg	gaatccaaac	tcaagccttc	catttccagg	gttctggctg	gtgtggggct	420
gacagacctg	gatggggatt	cccagctctg	cctctcttca	gctgagcaag	tactggaac	480
ctctctgagc	tgcattctgt	tcagctgtaa	aataatagtt	tgtactttgc	aggggtgttg	540
taaggcaatg	gtctccagcc	tttttggcac	cagggaccag	ttttggggga	agaaaatttt	600
tncatggaca	gggntgctna	aggggatggt	ttnaagctcc	catgaggatt	taatgcggcc	660
ggccccggng	gcttaccctt	gtaatcccaa	nacttttggg	agcccaagt	ngccggatcc	720
ccaggtcagg	gaaacgagac	cntcctggta	acatggggaa	ac		762

<210> 4092
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 4092

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gcacgaggag gagttaaatt ttgaagctct ttgagaaagg taccttttct taacatgttt      120
taaaaaataaa aatacaatgg cttattttaa atgtccctat gcatggtgaa atgttaaata      180
ccaagtggat gaatggttct caaatatatt gtaatggaga attattcaca tgcattctatt      240
gtttaaacta ataagtaaaa tagacttctt ttttctgttc tgttttaaat gtgcactaaa      300
attacctgct tgtggtttagc atgggctgga cagttttattg atttttcaga agaattgcttg      360
gctttgggtt tttggcaata gggagcctgc agcaaattat ttcatttgac aaaaaagagt      420
tatttttaatc ctatttgaat gtatgctatc tcctttaccc tcccatctt atgataaaaag      480
gtctctcttt tttctcttcc aggtttgcag ctaaaactgt gcacagtggg tcattgatgc      540
tagtcacagt ggaactgaag gaaggtctta cagcccactt atcataaaca ctgagaaaac      600
tgtgattggc tctgttctgc tgcgggaact gaacctgtcc tgtctcangg gtaacctgct      660
tacatctgga ctttanaatc tggcacacaa caaaagtgcc tggcatcact actgntgect      720
ttcatttata ataatagccc ttctcttgc agtgggggta ga                          762

```

<210> 4093

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4093

```

ggnnnnnnngt ctttcaaata ctaggtact ngttctttnt gcaggatccc atcgattcgc      60
tcaagtncca ncacaccggc gccgtcctgg actgngcctt ctacgatcca acgcatgcct      120
gnagtggagg actagatcat canttganaa tgcttgatnt gaacactgnt cnagaaaatn      180
tngtngggac acatgatgcc cnnntnanat gtgnngnata ctgtccaaan ctgaatntna      240
tggtcnctgg natntngnnt cagncnnata aactgcngga tcnnncanct tctngnaatn      300
cnnggaccnn nncnngccn gaatangtgt ataccntctc nangtcttgg agaccgncng      360
gttggtggnna cngcaagnct gccnnngntt actnccatnt tangccaaca tgggtatncc      420
antcttggtg gngatanacc atcctgcent acngacttg atgngttcga gnntnngcaa      480
actnnnnngg cttggnatta agctgnttag aangccaagn nnattctgan aatntggacc      540
tgngccttng ggccataaaa aagcgnatgn cnntttctnn ggccaaacna tgataacctg      600
atnccatcg atttcaccct tganaatggc ttcanntnta aactnaatac ncaantnntt      660
atentcaang nggaccgna acgcttngng aanccttttg gggggnnan tnttgcaaaa      720
cnngaaangt gcccatttaa anccaaactc gcaattgngc aanttnantt caattgcctn      780
gaataattgg agang                          795

```

<210> 4094

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4094

```

natggntttt nannatacag ctcttggttct ttttgcagga tcccatcgat tcgaattcgg      60

```

cacgagacag	agcgagcact	ccagttcaaa	aaaataaata	aaaattaaaa	aataaaataa	120
aataaaaaat	ttactaggca	tccagcattc	attaaggaga	ataattcagt	taaggaggaa	180
aagaattctg	ggattctggg	aatttcctta	accaataaag	agtatgtgtg	agaaacctac	240
tgctaacatc	atacttaatg	gtaaaagtcc	aaagatcagc	aaaaagagga	tacctggtct	300
aaacacttcc	actaagcatt	atactggaag	ttctagctag	tgcaataaat	gaaagaatac	360
aaagtatcca	gattggaaag	gaagtaaaat	catctttatt	aacagattat	atgattgtct	420
atataaaaaa	aatctgaagg	tatctacaac	actattagaa	ctaaatgagc	ttagtggagc	480
tgcaaaataa	agatcaatat	atataaagca	gatgattttg	catgactagc	catgaacaat	540
ctgaacctta	aaaccttaaa	tgccattttat	acaccatana	caatatgaaa	tncatagtga	600
tgcatctggc	aaaagaagtg	caagatgtat	agtataaaaa	ttaaaacact	ttggggagaac	660
tttaaaaagc	ctaaatgaga	ttactatgtc	agagactcca	gactcatacc	ataatatgca	720
atcttccacc	tgccctaagat	cagtgaatcc				750

<210> 4095

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 4095

gnnnnnnnnng	ntttnttnca	gctacaggct	acttgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgagaggac	attctcctac	atagccgtat	attctcatta	taccagcaa	120
atattcaatc	atattatcta	aggtacactc	cacattcaga	aaaaaaaaatg	ccctttacca	180
tagttttttg	tttgcttttg	gttttgatca	aagattacag	gtgtgagcca	cgcgaactgg	240
cccactgtgt	tacgatttga	aataaaaaag	aacctgtcaa	gtaccagag	aatatcagaa	300
ctgctgtccg	atctcctgaa	attgaaatta	atttcctcag	tgactcaata	cccactgcca	360
ctcactcaag	ccctgcaagt	tcaagccaaa	tcatectgcc	accacaggaa	tctgatgggt	420
cacgctgctg	cctactgaaa	atggggattt	gggttagtga	taaaataggt	taaaacacat	480
aaaataggtg	aactagggtg	aaatacagta	agaatgggtg	agaggagaga	aaaagaaact	540
tcanttttag	aagcataata	ctacttaaaa	tttcctgaga	ataaatttgn	cttctagaca	600
acacanagna	nnntanncn	nnnnnnnnnn	nnnantnnna	aaaaagcctn	taaactntag	660
gagtcnttta	cgnaatcccn	acntgtnaga	tncttgatga	nttggacaac	ccacttgaat	720
gcagngaaaa	aatgcttttt	gngaaatngg	agctttgn			758

<210> 4096

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (771)

<223> n = A,T,C or G

<400> 4096

gnnnnnttttn	aanatacagg	ctacttgttc	tttttgcagg	gatcccatcg	attcgaattc	60
ggcacgagac	gggagctagt	gacggcattt	ctacgatcct	gaagatcctc	gtctccgggg	120
gcggcaagtc	acggacagg	gtgatgatcc	ccatcccaca	atatcccctc	tattcagctg	180
tcactctctga	gctcgacgcc	atccagggtga	attactacct	ggacgaggag	aactgctggg	240
cgctgaatgt	gaatgagctc	cggcgggcgg	tgaggagggc	caaagaccac	tgtgatccta	300
aggtgctctg	cataatcaac	cctgggaacc	ccacaggcca	ggtacaaagc	agaaagtgca	360
tagaagatgt	gatccacttt	gcctgggaag	agaactcttt	ctcctggctg	atgaggtgta	420

```

ccaggacaac ntgtactctc cagattgcag attccactcc ttcaanaang tgctgtacna      480
natggggccc gagtacttca tcaacgtgga gctcgccctnc ttccacttca cctncaaagg      540
nctncatggg ccnatgtggt tacanaacgag gcttcatnga ggnaaatcaa cctgccccctg      600
anatcaaggg ccanttggtg aaactgcttt cggnnctcct tgtgccccnc aatatntggt      660
caaggccgcn ntggacattt ttngtgaacc cccttggcc tgcctnaact tcaaaacaat      720
tnaaatgntt ttttttttgg nnncaaatta naacctnact tanttttggc a              771

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```

<210> 4097
<211> 757
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (757)
<223> n = A,T,C or G

```

```

<400> 4097
gnttaanncn tnatacagct acttgttctt tttgcaggat cccatcgatt cgaattcggc      60
acgaggetgc tgggcctgga agtccagggt gggccactcg ctaattctca tgtgttgctc      120
cggccccctc agctgcagggt ggggtgtggag tttgaggcca gcacaaggat gcaggacacc      180
agcgtctcct tggggtacca gctggacctg cccaaggcca acctcctctt caaaggtaaa      240
ggtctcgggt cccctacgcg ggaaacaggc aggaggtgac tcaactctga gtggatgtgt      300
gggccaccac aggtgctgga ggacagtgtg ctgccaccct gtgggcctcc acattaccgg      360
ggaacacttg ttaaaaggta ggtggggcgg ggtgcggtgg ctacgcctg taatcccagc      420
actttgggag gccaaaggcg gccgaggtaa ggagattgag accatcctgg ctaacacggt      480
gaaactccgt ctctactaaa aatacaaaaa caaaattagc cnggtgtggt tgccggtgcc      540
tatagtccaa ctactgagct naagcnggaa aatggtatga acccaggaag cggacttgcg      600
gtgaaccagc atcgtgccac cgacttcaac ctgggcgaca gacaagaatt catttnaaaa      660
aaaaaaaaag tagtggacaa cctntacta tgtttatctt gggaaaaaaa agtnggttna      720
acggncaagc cttgtgaata accctgtaat nccaacn                                757

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```

<210> 4098
<211> 762
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (762)
<223> n = A,T,C or G

```

```

<400> 4098
gntttananc agctnntagc tacttgttct ttttgcagga tccctcgatt cgcaaggatg      60
ggcgcacccg agaaggagac cgcattatcc agattaatgg gatagagggtg cagaaccgtg      120
aagaggctgt ggctcttcta accagtgaag aaaataaaaa cttttcattg ctgattgcaa      180
ggcctgaact ccagctggat gagggctgga tggatgatga caggaacgac tttctggtgt      240
tggatgtcaa tgatgatttt tctgaggaag taaccaaaca agaagacctc atgagagagg      300
taaacacctt tgtaaagaat ctgtaaccaa taccatgatg ttcaggctgt gatctgggct      360
ccctgacttt ctgaagctag aaaaatgtng tgtctnccaa ccacctttcc atcccagcc      420
cctctcatec ctggagcact ctgccgctca agagctgggt tgttaattat ngttagactt      480
tgccattggt ttcttttgtc ctgaagcatt ttgaaaataa agttacttaa gttaaaaaaa      540
accaaanaaa nactcgagcc tctanaacta tagtgagtcn attacgtnga tccaganttg      600
atnagaaca ttggttagtt nggnaaccac aacttgaatg ccncggaaaa aangccttat      660
ttggtaaaat tgtgangcna ttggtttatt cgtaaccttt ttaaccggcn ttnacaagtt      720
aaccacnacc attgctttna ttttatgggt tagggctcncg gg                                762

```


<210> 4099
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 4099

tgnnnnnnttn	anaancagct	cttggttttn	agcangatcc	ctcgattcga	attcggcacg	60
agcagccttg	gtgacagagc	gagaccctgt	ctctaaaaaa	taaataaata	aaatattgtg	120
agtctctgat	ggggagcagt	attgcatggt	ggttgagaac	tgaggctctg	atgttagaac	180
tggaattctga	cttaaccac	tgtttgccca	catcttgagc	cttggtttcc	ctatctgtaa	240
aatggcagta	ttctcgggct	ggctgaggaa	aggaaatgag	gccaggcgcg	gtggctcagg	300
cctgtaatcc	cagcactttg	gcaggctgag	gcagggtgat	gatttgaggc	caggagtgtg	360
agatcagcct	gaccaacatg	gcaaaccccc	gcgtccacta	aaaatagaaa	aaaatagctg	420
ggcatggttg	tgacccctg	tagtctcagc	tacttgaggag	acagaancag	gagaattggt	480
tgaacttgga	aggtggagg	tgcantgagc	tgagatcgca	ccactgnact	ccatcctggg	540
cgacagagca	agactgtctc	aaaataaata	aatnaataaa	taaatnaagt	tcaaaaaaaaa	600
aaaaaaaaaac	tcgagcctnt	aaaactatta	ntgagtcgta	tnacgtagat	ccagacatg	660
ataaaaaatac	catttgatga	agtttgggac	caaacccecn	ccttggaatt	gccggtggna	720
aaaaaaatgc	cttttttttg	gggnaaaatt	tggggangcc	ttttgctttt	aattttgtaa	780
accatttnt	taaagcttgc	caataaaacc	aanattna			818

<210> 4100
 <211> 821
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(821)
 <223> n = A,T,C or G

<400> 4100

aannnggct	actngttctt	tttgaggac	ccatcgatcc	gaattcggca	cgagatccaa	60
ctgtggcttc	tcccaggacc	attacacttg	tatctaaata	cctacttgac	atcttctttt	120
ggatactgaa	taaagatctt	gaacaaacaa	ataaaaaacag	taggttggtg	atgcatgtta	180
ctttgcccac	tagatatatt	ctatcagaat	gtgatttgta	tatataatat	gtttacatat	240
taaattttga	ttcaattaaa	attctccaca	ggggagattc	tgtggtaagt	tctttcgtaa	300
atgaagtaat	tattctagt	atttaagttc	atgttacttg	tactttatgc	tttattattg	360
atgtgttatt	atgcagtatg	cttatttggt	ttttattctt	atgttattta	ctcttggttc	420
tgattgatct	ttcatgaagc	tcctaatact	ctgtccatag	aagcacagct	ataatgatat	480
ttacatatgt	aaggaagact	acaaatattt	cttcttttga	ttcatttttg	gtgattatct	540
ccttggcaga	cataaaagac	tgatgtggtt	tggtgtgtgc	cccacccaaa	tcttgaattg	600
tagctcctct	aattctcacg	tgcatggga	gggaccag	gggaggtaac	tgaatcatgg	660
gggcagggtc	ttcccatgct	gttctcctga	tagtgaataa	gtctcacgag	atatgatggt	720
ttaggaatgg	ggagttcccc	tgggcatgct	ctctctcttg	cctgccacct	gtagacgtga	780
ctttgctctt	ccttcgtttt	tgccaagatt	ggngaggcct	c		821

<210> 4101
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 4101
 tgnnnnnnttn anaancagct cttgtttttnn agcangatcc ctcgattcga attcgggcacg 60
 agcagccttg gtgacagagc gagaccctgt ctctaaaaaa taaataaata aaatattgtg 120
 agtctctgat ggggagcagt attgcatggg ggttgagaac tgaggctctg atgttagaac 180
 tggattctga cttaaccacac tgtttgccca catcttgagc cttgggtttcc ctatctgtaa 240
 aatggcagta ttctcgggct ggctgaggaa aggaaatgag gccaggcgcg gtggctcagg 300
 cctgtaatcc cagcactttg gcaggctgag gcagggtgat gatttgaggc caggagtttg 360
 agatcagcct gaccaacatg gcaaaccccc gcgtccacta aaaatagaaa aaaatagctg 420
 ggcattgggtg tgcacccctg tagtctcagc tacttgggag acagaancag gagaattggg 480
 tgaacttgga aggtggaggt tgcantgagc tgagatcgca cactgnact ccactcctggg 540
 cgacagagca agactgtctc aaaataaata aatnaataaa taaatnaagt tcaaaaaaaaa 600
 aaaaaaaaaac tcgagcctnt aaaactatta ntgagtcgta tnacgtagat cccagacatg 660
 ataaaaatac catttgatga agtttgggac caaacccccn ccttgggaatt gccggtggna 720
 aaaaaaatgc cttttttttg gggnaaaaatt tggggangcc ttttgctttt aattttgtaa 780
 acccatttnt taaagcttgc caataaaaacc aanattna 818

<210> 4102
 <211> 845
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(845)
 <223> n = A,T,C or G

<400> 4102
 gnnnnnnnnnn tttntataga tacagctact tggtcttttt gcaggggatcc ctcgattcga 60
 attcgggcacg aggatacatc caaatattat tcatgttata gtaaatcaga tgaagccttg 120
 agcttctcag cagccacgta aggcttaaat atgaggggaa aggggctctt agaagtgaag 180
 tgacttctga aagatgcaca gagaattagg aaagagtctg aattcaacct tggaaacctg 240
 actttcaggt gagtgccttg cccactaaag aatgacaaaag ccatggggag tggcatggaa 300
 agcatgagct ttggagttag acaggccttg gtgtgaatcc tggtcacccc agttctgtta 360
 aagacctcag aaaagttacc tagcttcatt aagcctgttt cttcagccaa aaattaatgg 420
 tgtaaacgct tacctctcag gatgggggtc acaaataaat agaacgacat aaagtacata 480
 atacatcaat cagttaggat gtatttggct acaggcaaaa gaacagccct cctcaactgg 540
 cttaaccaac aattaacctt ttatcttaca taaaaggag tctagaagta gggatgttcc 600
 aggtttggct aatccagcag ctcaaccatg tcaacacaga ccgggttttc tctgtcttgc 660
 ctttttgcca ttctcagtgc ttctatgggc tccctttatg cttgcaatat gccagctgca 720
 gcttcagaca tcaacttntc acatacctat gtccagagca gaagaaggac atttctcctt 780
 gngcatttct actggagact aaattttcct gcctggcaaa aaaaaaaaaa aaaaaactcg 840
 nncnn 845

<210> 4103
 <211> 830
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(830)

<223> n = A,T,C or G

<400> 4103

actacagcta	cttgttcttt	ttgcaggacc	catcgattcg	ccacactgct	gttctcatga	60
tactgagttc	tcacaagtec	tgtttgtttt	ataaggggct	tttccccctt	ttgctcaaca	120
cttcttctctg	ccatcatgtg	aagaaggacg	tgtttgtttc	cccttctgcc	acgattgtaa	180
gtttctctgag	gccttcccag	ctatgtggaa	ctgtgagtta	attaaacctc	tttcttttat	240
aaattaccca	gtcatgggca	gtcctttaca	gcagcatgag	aatggactaa	tacactcttc	300
aaatgttttg	aagattgttg	caccttgga	ctaccagtgt	gcacacaatc	tggtccaatg	360
tatatatttg	cccagcaagg	caaagaactg	aagttccagg	atggaagaac	ctgtgttctc	420
ctcataatag	tatagaataa	ttcaagatag	gcaagaagga	cagcagtaaa	tgaagaccat	480
ggaagaaaag	aaggaatgcc	aaagatcgag	gaaatctacc	aagactagta	gggtagtcca	540
gaagaagctg	tttcagggcc	tgttgccagc	tatgcctttg	agaacctcgg	gatcccaaag	600
aatgagggga	atttcttcag	aaagacaatc	tggccttgca	ttatttcttt	gggttgaaga	660
ttcactcatg	ttgcatgcat	ctgtagcttg	tgcccttttt	attgcctagt	agtattctgg	720
catatgccta	tcttacaatt	tgattatcta	ttcacctgtt	ggatgaatgt	ttgaattttt	780
tccatttgag	gaatttatga	ataaagctgc	tnttagcatg	aaaaaaaa		830

<210> 4104

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(844)

<223> n = A,T,C or G

<400> 4104

nnnnnnnnnn	ttntnaanat	acagctactt	gttctttttg	caggatccca	tcgattcgga	60
gaatcatgac	tgctggctga	agcctgcac	tttgggtaaa	cagggcaatt	aattcccaga	120
gaacaaggac	atcatggata	gttaaggcaa	ccagataggt	gcttatcttc	taggtctcca	180
tccaaaatgg	agtaatgaca	cctactttcg	tgttttaaga	tttaaagca	gtaacatatg	240
taaagtgcag	agtctgatgt	tcgagtccac	aacgatgtaa	ataatgcaa	accagtggat	300
tactcatgct	taatttatat	tttacttgga	aattttattc	ctttttcttg	gttatctctc	360
taaataaggt	aactttttta	tacattttct	ttttatatgt	atttattctt	ttttttttgt	420
gacggggctc	cactctgtca	ccaaggctga	aatgcagtgg	tgcatctca	gtcactgca	480
acctccactt	tccaggctca	agtaattctc	cagctactca	ggaggctgag	gcaggagaat	540
cgcttgaact	cgggagatgg	aggttgcact	ccgtctggat	catgccactg	cactccagcc	600
tgggtgacaa	agcaagactg	tcttaaagaa	acaaaacaaa	actacaaacc	aatttgtttt	660
aaagcatggt	ttttctctgg	taaagaacct	tncagttagt	aacacaggac	ataaatttac	720
tatggtaatt	aagtcgtttt	tatcanatgg	nattattaag	ttggttttat	caagtggnat	780
taaaggattc	atttgtttac	agtattattc	aacacnaatn	ggaggataat	tacaattcct	840
tatt						844

<210> 4105

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 4105

```

gnagngtcnn ntttctaata ctgganactc gttcttttttg caggacccat cgattcgaat      60
tcggcacgag ggtacacgaa gaggtgataa tgacagccac caaggagatt tggagcccat      120
tttagaggca tctgttctat cttcccatca taaaaaaaagc tctgaggaac atgaatacag      180
tgatgaagct cctcaggaag atgagggctt tatgggcatg tccccctctct tacaagccca      240
tcatgctatg gaaaaaatgg aagaatttgt ttgtaaggta tgggaagggtc ggtggcgagt      300
gacccctcat gatgtactac cagactggct caaggataat gacttctctct tgcattggaca      360
ccggcctcct atgccttctt tccgggcctg ttttaagagc attttcagaa tacacacaga      420
aacaggcaac atttggacac atctcttagg ttgtgtattc ttctgtgcc tggggatctt      480
ttatatgttt cgcacaaata tctcctttgt ggccccctctg caagagaagg tgggtctttgg      540
attatttttc ttaggagcca ttctctgctt ttctttntca tggctcttcc acacagtcta      600
ctgccactca nagggggtct ctcggtntt tctctaagta agtatctgta aagtncatat      660
ttttggccaa tgattnanag gttagtgcnt taggggaaaa aacattcncc canantttgg      720
catgaattct ttaataatna ttctaattnc cnccttnann ttttnaaaan aanttttnna      780
cacnaaacc cagatttgnc ttntttaanc atttnnttnn atttnnann agancncca      840
agntataaat tcggggaana cnaaaatngg ttcaatttnn t                                881

```

<210> 4106

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(831)

<223> n = A,T,C or G

<400> 4106

```

tttnnataca gctcttggtc tttttgcagg gatcccatcg attcgaaaag gtgaatgcag      60
aggcctggcc cagaccccag cctgtgtgt caatacaact ttccacgttg ttacatacac      120
attttccagt ctgtgtctcc ctctgaaaga aaccctgaaa ttcaggttgc taatagattg      180
ttggttgcaa gtatgaagga cagaggagg aagagaggag gcaacttgct aatgcaaaag      240
cagtgtactg aaagtcactt ttatttctta ttataatct acatgcacac tctggataat      300
agatgacact gctcattcag tactttaact tcaaagcaga gagaagccat ggatgacaga      360
gccgggagcg ggaatacaaa ggtactaaca acaagaggaa aaatgcctgt ttacgggatt      420
gcatttgta gcacgtctc ttcagatatt gtccccccag gaatagcgaa aatatgtgca      480
gcgcgaacaa tgatttaaca tctgaaaatg gtacttaaag agtttctgtc tggtagtaat      540
gtgatggagg cttctgaagg gaacctgggg acttcatttc ttctatttat ctatatgtct      600
ctctggtttt agtgagcggg aattgcatat ttaacccctc aaatagcttt aaccctnacg      660
atgccacttt ttaccctgta taaaatgtac ttttatccca gcaaaggcag actcagaaat      720
tnccttacc aaaaaattat taaaaaaaaa aaaaaaaaaa cttcgagcct tttanaactn      780
tngtgagtcc gnnttacgta gatcngacc ttgatnagga tccattgatg n                                831

```

<210> 4107

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4107

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gnnnnnnnnn ttttnaactt tgctaattct tggctactcg ttctttttgc aggaccatc      60
gattcgaatt cggcacgagg cctctgtcct gaacttttta acccggtgcc acaaccgag      120
ggtctccata ggggcaggta aacggggatt ttaatcattt taagtgtctt agaatgatat      180

```

```

tttgggaaaa agcactcctt ttcctaagga ctgcgactcg gtgaacagaa aggaggctat 240
gcggtgtggc cagccaactc aaggaggacg aagcaacctt tgcctctaaa ctgcctggaa 300
ccaaatgtcg atttttctga cccctcccag ggagtgtgta gtagtgatgg tgtctggagg 360
gtcaaatacca ttcctaagga caaagggttc tcaccactcc ccaccgctac aactccaaaa 420
ccactcatcc cagtgtttgg ggcactgtgt tectcttcgt cctgcacca gacctggaa 480
gccttggcca gagacctcac cagactcgac ttgcggcgct gggccagctt catggatgct 540
ggagtggagc acgatgacgt agcagagctg ctgcaggagc taaaaagcct ggcccagctc 600
taccaggggtg gtgacagcct cgtggactaa agttcccagt gtgggagaaa ggagctagtt 660
tgcaataaaa acagctggat gcaaaaagcc tctagaacta tagtgagtcc gtattacgta 720
gatcagacat gatnagatac attgatgant ttggacaaac cccactngga atgcantnga 780
aaaaaatgct ttatttgtga aatttgtgat gctattgctt tattgtaacc attattaagc 840
tgcaatan 848

```

<210> 4108

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (849)

<223> n = A,T,C or G

<400> 4108

```

gnnnnnnnnnn tttnaacctt nctaactnctg gctactngtt ctttttgcag gatccctcga 60
ttcgaattcg gcacgagaga aaccagnatc acacaggaat gactgggatt ttaggcctgg 120
aatgtacctt taaaattatc ttattacaca ccatccttca tttttctcat tttcctcttt 180
tgggattcat atattaagta ttagggcatt aaaacacaac tgtatatata aagaaaaata 240
taaagtaacc acacatgctc agggaaagac acaggctcag aaaatgcctg agaagaactt 300
agtttcacac cccaggctga tctaagcac cgagacagcc tacaacaatc caaaaaacaa 360
aaacaataaa taaaaagtaa caaacaacag caaacctaag agaatgacga aaatataatt 420
tccagaatta ccactttatt agagtcaaat gtccagtttt taataaaaact cagaagcata 480
caaagaaaca ggaaattatg gcccatcaaa ggatcaaaag aaaaaaaaaat gaatggaaac 540
tgtactgaaa aagacatgat ggcagatata ctagaaaaat actttaaaat actgtcttaa 600
tgatgcttta aaaactagag gaagatgtgg aggaagtcaa gaaaatgatg taaaaacaaa 660
acagcaatat caataaggag gtagaaaact ttaaaaggaa acaaaaaaat tctagagtgg 720
aaaagtncaa tactgaaata aaatattact agtaggattg aagtcattgt tggaataggc 780
aaaaaaaaaaa annnnnnnnnn nnntnnaaaa aaaaactngg ctttttaaac tttnggggtc 840
ngtttacct 849

```

<210> 4109

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (835)

<223> n = A,T,C or G

<400> 4109

```

tanncngct cttgttcttt ttgcaggatc ccatcgattc ggtttggcag tctctgaaaa 60
tatatacctg ccatatgatc cagccagttc actgctacct agtttcccaa aagaaatgaa 120
aatatatgta tatgtgaata ctcatatact aatattcata gcagctttgt ttgtaatgga 180
caaaacaacc caaatgtcca tcaacgttgg aatggaaaca acccaaagt caatcaacaa 240
gtgaataaac aaaatgtgct atacgtatat aatggaatac tactcagcaa taaaaaggaa 300

```

tgaaaggaat	gaactaatga	tgcattgcaac	agcatggata	catctcaaaa	taattatgct	360
gaatgaaaga	agccagacag	caaaaatttc	ctactgagtg	attccattta	tataaaaatc	420
tagagaatgc	caattagcct	ttagtgaaat	aaagcagaac	agtaattgcc	tgtgacaggg	480
tgggaaagat	ttggactgga	agcagggatt	accaagaggg	gtgagaaaac	ttttgaaggt	540
gatgaatatg	tacattgtct	tcattgcttt	ggatggnttt	tccaggggtg	atattgtaat	600
ttcaaaaaat	gatcaaaaat	tntacacttt	taaaaatantg	gttcaagttt	tattttttat	660
attgaaataa	aaggctggat	taaaaatggc	ccnaaanann	annanactnt	tnantntntn	720
nnncntntnn	tnncnnnnnn	ntntntnnnn	nntntntntnn	nnnnnncnec	genccttntt	780
aaaaantttt	gnnggggggnc	gnntttttccn	tngaaccccc	cncttttgtt	tanct	835

<210> 4110

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4110

acattnnngnn	cgcctttteng	tttganccca	tcgaccgaat	tcggcacgag	gctngatcgt	60
ctgggcctgn	gtttnanctg	gnatnggatn	ctcaatcctt	nttgttcaaa	ttttnaagtc	120
cagaaaagtc	tgaaaactga	aagttttttc	ataatttatt	tcactgtaaa	acctgaattg	180
aactgatatt	tatctcacta	aaaatgagta	ttcatatatt	gnactgtang	aatngtaaaa	240
ttaccaagta	ntancccgag	cctagttaga	taaatgcacn	attngctttt	aattncaaaa	300
aaatcttaan	tctgaggcac	atttggctga	cagcatttca	gatnagggat	tttgaacctc	360
taattcaatg	atgtngataa	atatcaccac	ttctactacc	attgtctatt	actgaacact	420
taccatgggc	caggtacaga	gaaggaattg	acctaaataag	ctnttcggnc	cntananagc	480
tntaaaaggc	aggtccctttt	attgacgtca	ttttattgct	ggtcacccaa	gtggcaaggc	540
tgggctgac	cattgggtcaa	gttatgactg	ccgtgctcct	nceccaaact	taangcagaa	600
ntctcagtgc	agatgatcct	ggacttacca	aggggggttat	nctaaatnga	ataagaactg	660
ggcctaaaat	tgggaaanat	tggtaaggcc	ttttaatacc	atnttaacca	tcttagcttt	720
gncttaacct	acccttaaan	ngtgccctcaa	ggacacttac	atttaccgna	cc	772

<210> 4111

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 4111

ttttcttttn	ntnnatcagc	tcttgttctt	tttgcaggat	ccctcgattc	gaattcggca	60
cgaggggacc	tcgatcatga	caggctcatc	agcctgtgcc	tgacccttct	cacgtgaccc	120
cagacatcct	gcaacctggg	gggacattcc	tttgtaaaac	ctgggctgga	agtcaaagcc	180
gtcggttaca	gaggagactg	acagaggaat	tcagagaatgt	aaggatcatn	aaacctgaag	240
ccagcaggaa	agagtcacga	gaagtgtact	tcttggccac	acagtaccac	ggaaggaagg	300
gcactgtgaa	gcagtgagga	tttcttgtgc	cattttcata	atggtcatta	gctcctttta	360
agctanaaac	gtacctgagc	ttctgaagag	ttcctgggag	atttgagctg	attttggaaa	420
tggagcatga	caagtgggga	gtctctctct	ctctttctct	ctctctcttt	ttaacccaaa	480
agagatgacn	aaactaagtt	cagggggccat	ggaaaatgaa	aaagtccgct	atattgngat	540
ttgggaagaa	gaaagtnttc	angaagaaan	angtgangat	tgaangatng	agaaaaacag	600

acttggtggg	aaggggcana	aaggaattcc	cccgangcaa	gggattgggtg	tgcccatctg	660
tgcccttgac	cgggaccttc	atcttattat	actgggttaa	cttgtnanac	cacaaaacag	720
gggttttcca	acccctgttt	ttagaacccc	acgcncacaga	tttttccaat	tcttttaaagg	780
ggggctggtt						790

<210> 4112
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

<400> 4112						
ggtnnnnntt	gnaatcgana	gtacttgggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagga	aagctcatta	ccagtaggac	ataatttttg	gctctcccta	ttcacaaacca	120
gtgcacagtt	tgacacagtg	gcctcagggt	cacagtgcac	catgtcactg	tgctatccta	180
cgaaatcatt	tgtttctaag	ttgtgtttat	tccctggagtg	acatgccacc	ccgaatggct	240
cactttcact	gaggatgctg	tcctctgatt	tagctgctgc	ctccagcctc	tggtctgaga	300
acttactaaa	ggcacttcct	tcctgttaaa	cccctgttaa	ctctccataa	atttggtgat	360
tctctgctag	gcctaagatt	ttgagttaac	atctcttgaa	gccaaactcc	accttctgtg	420
ctttttgctt	gggataatgg	agtttttctt	tagaaacagt	gccaagaatg	acnagatntt	480
taaaaaaaga	aaggaaggaa	aaaaaaaaacn	cttcctttta	aagaaattcc	ctaccngatt	540
tttaatatag	gtnatcttac	cactttcttt	tctagtctct	tggatttttna	gcttaggctg	600
cattctaacc	tcatactgng	naanacccaa	ggtgggtttt	ngattcanna	aattttttga	660
aaatctgcat	aagccttaaa	tttggttaaa	aattaangaa	aaattccttt	aaaaaaaaaa	720
tannnnnnnn	naaaaaaaaa	aacctgnggc	ctttanaact	ttgngagtcn	tttcc	775

<210> 4113
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 4113						
ctaattccctt	gttttctaag	cttggctact	ngttctttct	gcaggatccc	atgcgattcg	60
aattcggcac	gagcccagag	aagagctttt	cagagaaaagg	tacagacaag	aagctagaaa	120
gagtggaaag	agcagcagtc	ttgcaaggaa	gcagggcaga	gacacagccc	atggcccctc	180
actgcctgct	tggaagggtc	gatggagctc	cccgcagcat	ggttcctgcc	tggttgacag	240
aggctcctgt	ggccacttta	gaagtgcggt	ttactcctca	tgccgagatg	gaccttgggc	300
agctcagttc	acaagatggt	ggtcaggcgt	catttaaata	ttttcagtca	gcagaggaag	360
caaagcgtgc	cattgaggct	gtgctgtcag	cggatccctc	gtctgtgtac	cgccggaagc	420
tttgccagga	ccgccttttc	tactttactg	tagacatagc	gcatgtcact	tgctgggttg	480
gtgatggctt	tgcaagagtg	ctgaggatca	agccggcttc	tgagcctgtt	catatgactg	540
gcctgtgggt	gtccttgggt	tctctggggt	cttaaggacc	tncctcatgt	ctttaaggta	600
gcatcattga	tctttggatg	tggttttttg	gatttcttga	acaagctaag	gttggtgcaa	660
gaagcaacac	ttttgtgaat	ctcattggct	ttgattggat	ttgggcttgt	tcaaaaatgt	720
ttatttgaaa	aacgtattcc	tttaataaac	ttaaccaaaag	agatttttaa	att	773

<210> 4114

<211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(704)
 <223> n = A,T,C or G

<400> 4114
 gnnntattgc aattngatag ctactngttc tttttgcagg atcccatcga ttcgaattcg 60
 gcacgagggt acccagtagg tatcgttgga aacaacggag ttctcttttc tgaatctgca 120
 aaaaagggtta ctcactttgt ccagttatgc tgccaaagaa atattcctct gctgttcctt 180
 caaaacatta ctggatttat ggttggtaga gagtatgaag ctgaaggaa tgccaaggat 240
 ggtgccaaga tgggtggcgc tgtggcctgt gcccaagtgc ctaagataac cctcatcatt 300
 gggggctcct atggagccgg aaactatggg atgtgtggca gagcgtatag cccaagattt 360
 ctctacattt ggccaaatgc tcgtatctca gtgatgggag gagagcaggc agccaatgtg 420
 ttggccacga taacaaagga ccaaagagcc cggaaggaa agcanttctt catgctgatt 480
 aaaccgnttt taaaaaacc ttcttttaaa ntttgaagag gaaggaaccc tactntccag 540
 ccaaggatg ggatgatggg atcattgtcc acagacncag actgtcttgg tctngtttag 600
 tgcacctnac cccatngaga gatgntcgtt cttagatgta ctggataagn gttctgtgaa 660
 tctgaatac ctgngtanct aaattaactt cncatgtgtc anat 704

<210> 4115
 <211> 758
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(758)
 <223> n = A,T,C or G

<400> 4115
 gttnnnntttc aattgnttag gctctcggtt cttnttgcag gatcccatcg attcgtttca 60
 gctttcggtta ccagcaggag ctggaggagg aaatcaagga attatatgag aacttctgca 120
 agcacaatgg tagcaagaac gtcttcagca ccttcggaac ccctgcagtg ctgttcacgg 180
 gcattgtagc tttgtacata gcctcaggcc tcactggctt cataggtctt gaggttgtag 240
 cccagttgtt caactgtatg gttggactac tgtaatagc actcctcacc tggggctaca 300
 tcaggtattc tgggtcaatat cgtgagctgg gcggagctat tgattttggt gccgcatatg 360
 tggttgagca ggcttcttct catatcggtta attccactca ggccactgtg agggatgcag 420
 ttgttggaag accatccatg gataaaaagc tcaatagcat cttaacgtg aaaatnaaac 480
 cagaacncna nnaaggcctt tanggatttc ngggtttttg cccacggcca caggttcatn 540
 tccagaggaa tgcaaaactg anacnatcca ggaagagcta aaacatggcc ctgtaataaaa 600
 tgaccagacc tttcctgngg ttcaaatnt taacacactt cctttctttt gggaaaaaaa 660
 aannnnnnnn antnnnnntt nnaaaaaaaa aaacttgacc tttaaactnn aggatctttt 720
 actnantcca acttgntaga nccatggtta gttgggna 758

<210> 4116
 <211> 869
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(869)

<223> n = A,T,C or G

<400> 4116

ggnnnnntnn	nntttgaaac	cttnggctac	ttgttttttt	tgcaggatcc	catcgattcg	60
aattcggcac	gaggtcaacc	tctaccacgt	gcgggaggat	ggctggatcc	nagtctccag	120
ngacaatgtg	gctgatctac	atganaagna	tantggctct	acccctgaa	agagggtgga	180
tgcantgct	tgtgtatntt	ggggtgactg	tcattggtaa	tacggacaca	gtgaccatc	240
ctccatncta	tttatagnn	aagggccttc	antngtatca	gtacttgatt	tnaagctctg	300
gcacattgac	ctntatgtgt	taccagtcac	taatgagctg	ntgcacgagg	tgactattng	360
ttanactntc	ttagcatgtt	aacattacac	tnctcactac	tcatananaa	gnntnnnnan	420
aacttgagnc	ctttaaaaaac	ttttaagtta	gtcannatth	ccgttngatt	ccaatanctt	480
ngaataaaga	atnccttttg	gntnaatttt	tggaatcaaa	acttctctac	tttgnaaatt	540
nncnntgtgg	aaanantaata	atntgcttta	aaatttttng	ttgaaaattc	ttggggggaa	600
ncgatttttt	nnnctttttn	aannngnggg	ttaccccttc	tnattannnt	cttnaaatan	660
ttncaaaann	ttttaaccct	caaccttttt	ggntttttan	tttttaagng	gttncatgnt	720
aaaangtnaa	atntntttgt	anngnttttt	ttntccagnt	ncnngngtt	cttnanaaat	780
ttngcccnnn	gtgtcnacaa	nntnttttgn	tnccntaatt	tatnggnggt	ttntttneen	840
ctnttgatcat	aaaatagngt	taanctggn				869

<210> 4117

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 4117

ggtnnnnttt	ttnnnttaca	gctacttggt	ctttttgcag	gateccatcg	attcgaattc	60
ggcacgagga	gatgctgaag	gaaattatag	ccagaggaaa	ttttagactg	cagaatataa	120
ttggcagaaa	aatgggccta	gaatgtgtag	atattctcag	cgaactcttt	cgaaggggac	180
tcagacatgt	cttagcaact	attttagcac	aactcagtga	catggactta	atcaatgtgt	240
ctaaagttag	cacaacttgg	aagaagatcc	tagaagatga	taagggggca	ttccagttgt	300
acagtaaagc	aatacaaaaga	gttaccgaaa	acaacaataa	attttcacct	catgcttcaa	360
ccagagaata	tgttatgttc	agaaccccac	tggtctctgt	tcagaaatca	gcagcccaga	420
cttctctcaa	aaaagatgct	caaaccaagt	tatccaatca	aggtgatcag	aaanggtcta	480
cttattgtcc	gacaccatng	aantnttttg	agggttgcna	aanaccattg	aaaaaagaac	540
naaaagcctt	aaaagccctg	tnttcncttg	taaattcacc	tgcaaaaata	tggtattggct	600
ntttaccaac	ngggcaaccc	tggtcaaaccn	aaaaaggctt	gtgggnattt	ggaattattt	660
ggtnccgaaa	atngtctcnt	ggtaanttat	tcattactta	cttnaaagaa	ctgggtttcaa	720
aatnggcaa	gcnttccttn	aaaagcccag	tttggtaaaa	aatanggtcc	cccttgnctt	780
ggttccaaaa	nnaaaaggcc	nnaanggaan	tttccnn			817

<210> 4118

<211> 861

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(861)

<223> n = A,T,C or G

<400> 4118

```

gntnnnnnnt tgtntncata caggetactt gttttttttg caggatccca tggattcgaa      60
ttcggcacga gccggettec tcatcaacct cattgactcc cccgggcacg tgcacttctc      120
ctcggaggtg actgctgccc tccgagtcac cgatggcgca ttggtgggtg tggactgcgt      180
gtcaggcgtg tgcgtgcaga cggagacagt gctgcggcag gccattgccg agcgtatcaa      240
gcctgtgctg atgatgaaca agatggaccg cgcctgtctg gagctgcage tggagcccca      300
ggagctctac cagactttcc agcgcacgtg ggagaacgtg aacgtcatca tctccacctc      360
cggcgagggc gagagcggcc ccatgggcaa catcatgac gatcctgtcc tcggtaccgt      420
gggctttggg tctggcctnc acgggtgggc cttacactga agcaatttgc cnaanatgta      480
tgtngcccaa tttngccgnc caagggggga aaggg 3an ttnggggccc tgcnaaaacn      540
gggcccanaa aaaggttnan ggaccattga attnaaaaaa aaccttttgg ggggttgaac      600
aagggtncc ttttggaccc ccaancccca aacggggcaa aggttttnaa ncnaggggtt      660
naagcccaac ccaaaccccc cnaaaaggg gnanaaaaaa cttggccaan gccaacntt      720
ttttggccaa acttggaaac cttgggaanc cccatttttt tnaangggng ttttggatgc      780
cnaaccattg aaattttcaa ggaaaaanaag gaaggccngg gattngggaa aacccccaaa      840
aatttttttc catttttttt n                                                    861

```

<210> 4119

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 4119

```

ggtnnnnnnt gtaanntana gctacttggt ctttttgcag gatcccatcg attcgaattc      60
ggcacgagcc tcattatcca ccacgcacag atggtacagc tggggctgaa caaccacatg      120
tggaaaccaga gaggggtccca ggcgcccag gacaagacgc aggaggcaga atgaccgcgt      180
gtccttgcct gaccacctgg ggaacacccc tggacccagg catcggccag gaccccatag      240
agcacccecg tctgccctgt gccctgtgga cagtgggaaga tgaggtcatc tgccactttc      300
aggacattgt ccgggagccc ttcatttagg acaaaacggg cgcgatgatg cctggccttt      360
caggggtggtc agaactggat acggtgttta caattccaat ctctctattt ctgggtgaag      420
ggtcttgggtg gtgggggtat tgctacggtc ttttaattat aatnaatatt tattggatgc      480
ttnaaaaaaa naaaaaaaa aaacttnngg ncttttttnaa atttttaggg gagtngtnt      540
tncntagan tccagacntt gtttanggat nccattgggt gaanttttgg gaccaaaacc      600
ncaacnttgg aaattgccnn ntggaaaaaa aaantgcctt ttantttggg gnaaantttg      660
ggggaatgcc ttatttgggt ttttaatttt gtaaccennt tttttaaaagc ctggcaattt      720
naaccnaggt ttnaccnanc caaccaaatt ggcattttca tttttaaang gtttttnang      780
gtttcaaggg gggnaaggtt tttgggaaan gttttttttt aaaatttnnn ggggccccnn      840
ggnggcen n a                                                                851

```

<210> 4120

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4120

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ggtnnnnatt taanntnagc tacttgttct ttttgcagga tcccatcgat tcgaattcgg      60
cacgaggnnc ctgcaagggc tgggtgtggaa acaagcannn tngntgcntg aagcaaaagt      120

```

```

nanacnngngg tgttnnactgt tgatgtgacc ccacaaagtg tnggaaccgc catcaaggcn      180
nggntagctn gggcactgtg gancggaccc anaattncnn nggntccttc naactgnang      240
atcctaccna ggtnaccenn ggatngngct tntntaatnc nntttgtgcn acccnaata      300
gcnngatcct gaaaganatg tgccatgtng ancagggtgct gtnaaagaag actgcttcng      360
ctccctgncc ttttgacctc ccngagttga aacatgtagc aacacgnntn ccatagaata      420
caaggctcca gntgaagaaa aagaaacggg ntctgggtcag naacaatcag ntccntntc      480
ttggangatt cccctntntt aatnaaaagc cctnattna nttttnnang cnttnaatnt      540
tttacnctn caatntttgg ttgcntaan atgctttttc aagggtttgan aaccctttaa      600
anggggggtt tttttnaaaa tggactttct tntgggattt tnaggggttt antttggctt      660
anttnaaaaa aaaagntaac caaaaaccgt ttnccttgnaa aaagaanggt nnacccttta      720
aatnggatnt tgggcccttt aancctttca atgttccang gnttacctna cttttangtt      780
ntntcccaa aaaanggttn ctaangtntn ccttatgttg actnnaanaa cccnaattga      840
acttttnn                                     848

```

<210> 4121

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (756)

<223> n = A,T,C or G

<400> 4121

```

gnnntttcaa teganagctc ttgttctttt tgcaggatcc catcgattcg aattcggcac      60
gagtacatat ttgtcataat tacaataaaa tacaaagagc tatttttgaa ctgggcaagc      120
tgttttctaaa tgtatatgga aaaataaaaa tgtctccaaa aaatccctgc agaggggaaac      180
tagcccttcc agatataaaa tatattatag aactgtgtaa ttaaagcaat atgggtactgg      240
tccataaaaag aacataaaac caaatagtgc agtagactca aaatgcaagc gttgggtgagg      300
gtatggagaa aaggggaacc ttttacactt ggtgtgaatg taaattagta cagacattgt      360
ggaaaacagt ttgtagagct tcctcaataa aaacacatat gatccagcaa tcccactact      420
gggtatatat ccaaaggaaa tgaaatcagt atgttggaaga gatacttnca cgttcactgg      480
aaccttgntc acattggcca gnacttaaac ctaaagggtc catnaaccgg aagatagata      540
gggtgaccg cgggtggcca cgctgtaat cccagcactt tgggaggcca aggcagggtg      600
atcatttgag gtcagaagtt tttgaccagc cttggccaac atgatgaacc ccgtntttct      660
aaatttcaa aaattagctg ggcgtatggt gggcacctgt nttcccagtt ctcgagggt      720
nangcaggan aatgctgacc cagggacgga cttgnt                                     756

```

<210> 4122

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 4122

```

ggtnnnnnntt gnaatcgana gctacttggt ctttttgcag gatcccatcg attogaattc      60
ggcacgagga aagctcatta ccagtaggac ataatttttg gctctcccta ttcacaacca      120
gtgcacagtt tgacacagtg gcctcagggt cacagtgcac catgtcactg tgctatccta      180
cgaaatcatt tgtttctaag ttgtgtttat tcctggagtg acatgccacc ccgaatggct      240
cactttcact gaggatgctg tcctctgatt tagctgctgc ctccagcctc tggcttgaga      300
acttactaaa ggcacttcct tcctgttaaa cccctgttaa ctctccataa atttggtgat      360

```

```

tctctgctag gcctaagatt ttgagttaac atctcttgaa gccaaactcc accttctgtg      420
ctttttgctt gggataatgg agtttttctt tagaaacagt gccagaatg acnagatntt      480
taaaaaaaga aaggaaggaa aaaaaaaacn ctctcttcta aagaaattcc ctaccngatt      540
tttaatatag gtnatcttac cactttcttt tctagtttct tggattttta gcttaggctg      600
cattctaacc tcatactgng naanaccaaa ggtggttttt ngattcanna aattttttga      660
aaatctgcat aagccttaaa tttggtaaaa aattaangaa aaattccttt aaaaaaaaaa      720
tannnnnnnn naaaaaaaaa aacctgnggc ctttanaact ttgngagtcn ttccc          775

```

<210> 4123

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 4123

```

gnnttcaaat cgatagctac ttgttctttt tgcaggatcc catcgattcg aattcggcac      60
gagggcgtt gggcgagatg aagctacact gtgagggtgga ggtgatcagc cggcacttgc      120
ccgctttggg gcttaggaac cggggcaagg gcgtccgagc cgtgttgagc ctctgtcagc      180
agacttcag gagtcagccg ccggtccgag ccttctctgt catctccacc ctgaaggaca      240
agcgcgggac ccgctatgag ctaagggaga acattgagca attcttcacc aaatttgtag      300
atgaggggaa agccactgtt cggttaaagg agcctcctgt ggatatctgt ctaagtaagg      360
attccatatg gctctcatat cattccattc catctctgcc aagatttgga taccgcaaaa      420
atltgtgttt gtggaagatt ctgctgaact ctttcattca agggactact tccattgaat      480
ttggtnttg tttgccccac attgggggtc ttantanana atttgggggtg gnnctgaag      540
caccatttaa tctcttaatt tctggttctc ttangctggt tatgttaaat tctctcgata      600
tgttaaaagt aatgggtgag accagaaaaa gaaatttcaa ttaccagatc antttgggggt      660
gcattgtatg attttgcacc ntcaaaatgg aattanggga agaattctgg ntcttgcttg      720
gaaagganga tgtgtntagn tnccatttta natgactcca aattttntta          770

```

<210> 4124

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 4124

```

gntnnnnntt tgtntncatn cagctacttg ttctttttgc aggatcccat cgattcgaat      60
tcggcacgag ggaacatcca gtgcctgcag gacgtggagc gctgcctccg ggacacgggt      120
gtgcagggcg tcatgagcgc agagggcaac ctgcacaacc ccgccctgtt cgagggcccg      180
agccctgccg tgtgggagct ggccgaggag tatctggaca tcgtgcggga gcacccctgc      240
ccctgtcctt acgtccgggc ccacctcttc aagctgtggc accacacgct gcaggtgcac      300
caggagctgc gagaggagct ggccaagggt aagaccctgg agggcatcgc tgctgtgagc      360
caggagctga agctgcggtg tcaggaggag atatccaggc agggaggagc gaaccacccg      420
gcgacttgcc ctctactgga tctgccaccc tacattcggc cggggcccaa gganganac      480
cagganaaag cagtccccca aaaagcgggc cttgnaggaa aaggangtgg cacggangtc      540
tgtcttanac ccnttgcaaa aggacaataa tatttaaagt gaaaaanana nnnnnnnnnn      600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ngnnntnnan nttnnnnntt      660
nnnnnnnnnn nnnnnnnann nnnnnnnntn nnancnnntn nnnntta          707

```

<210> 4125
 <211> 673
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (673)
 <223> n = A,T,C or G

<400> 4125

gntnnnnnnnt	tttatatata	caggctactt	gttctttttg	caggatccca	tcgattcgtg	60
cttggtcggt	tctgtgtact	tgcttagtgg	actgtagcaa	cacactcagc	ttctccagtg	120
tcaaccacaca	ttggctttcc	cactctacag	tttctgtagg	atgcatgttt	tcaccattat	180
caggctttctg	cagtgtctcag	agggcagcaa	taccagcaa	ccagtgacct	gaggccagca	240
acttctttta	cttccccctc	agttggattt	gtaacagagt	atctttggtg	ggacacttct	300
gtgtgaagag	attttactag	caccctaaag	aatggatttc	tggcaagttc	cacaaggtag	360
acttccagta	agttctgctg	gtgcagcact	acagcaactt	ccgtgctatt	cagtgaagag	420
actgtgttct	ctccaacaag	gtctggatct	cagccctggg	atggtttaag	gtcngangaa	480
gctnttgctt	tggggnctctg	ngnnaanctn	agggacttng	gnactntnaa	nagtctctta	540
ttcnnatagt	naatanctgt	tctcaccctt	gttaatagta	gngaccttta	taagttcatt	600
tcaatactgg	ggttcttcga	tgnttcttct	tattagacgt	gaaatgtgat	gtgattgtat	660
agnatgntac	ata					673

<210> 4126
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (753)
 <223> n = A,T,C or G

<400> 4126

gntntnnnnt	tgtatannnta	caggctactt	gttctttttg	caggatccca	tcgattcgca	60
gcaatgtttt	gtggctttta	ttgtacaagc	ttttcacctc	cttggttaag	ttagttctta	120
agtgtcttat	tcttttacgt	gctattataa	atggaattat	tttcataatt	tccttttcag	180
gttgtaatt	attagtgtac	agacatgcaa	ctgatttttg	cacattgact	ttgccagtga	240
catgaacctg	tatgtagaaa	accctaaaga	ttgcacaaaa	aaaatggtta	gcttgagacg	300
taaaccttag	gcaaagagaa	gtttgtgatt	tgtaagaaat	ttaaaattaa	taggattaaa	360
aagagagctg	tgggccttgt	tatgtatttg	ctttggaagc	cctctaagaa	aatttcaggt	420
caatttttta	ttctctgccc	tactggaatg	ccccagatt	atgtgacaat	gangtcttat	480
tttaatatgt	ncanaatttg	gtnanantgg	caatnmttgg	gttcnanatt	ttcccatctc	540
agaaaattnt	ngctttttcn	ggtgatgtct	tatcctcttg	ngtgggtccc	aagtgaagccc	600
tgatcctttc	agatncattt	tatatactct	ggtgggtgatg	aatatttnat	ctctggcaaa	660
tactgnccat	gctaattccc	tggaggacct	nggatncaat	attattggaa	ttntaaatca	720
aggttaacct	aagtcaaaga	gtctnanctg	ccc			753

<210> 4127
 <211> 817
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 4127

nnntntnnnt	ttntacata	nangetactt	gttctttttt	caggatccca	tcgattcgaa	60
ttcggcacga	ggcgagggcc	tgccccccag	ggcgccccaca	ccagaaggtc	ggagaaagggc	120
ccaaggcgga	tgccacgccc	agcagtgggtg	agggacccac	agatttttga	aacgacctgg	180
acacactatt	gggaaggaga	tgtggacggc	ctgtctctct	ctgcagggcc	caccctaaga	240
atgtattttt	aaacacatga	aataagtatt	tttcaactgat	aaaaaaaaaa	aaaaaaaaaa	300
actcgagcct	ctagaactat	agtgagtcgt	attacgtaga	tcagacatg	ataagataca	360
ttgatgagtt	tggacaaaac	acaactagaa	tgcagtgaaa	aaaatgcttt	atttgtgaaa	420
tttgtgatgc	tattgcttta	tttgaacca	ttataagctg	caataaaca	gttaacaaca	480
acaattgcat	tcatttttat	gtttnaaggt	taaggggaag	tttttggaaa	ggttttttaa	540
ttcnnngccn	nggnnccaat	tgcnttgggc	ccggttcccc	aanttttngt	tcctttttat	600
tganggggta	attgcccccc	ttgggcgtna	atcatggggc	ataanccttg	tttccctggg	660
gtgaaaattn	gntattnccg	tttnacaatt	tcccacacaa	nntttncnaa	nccccgggan	720
ccttaaaaant	gtnaaaaacc	tgggggggtg	ccctaaatgg	aattgaacct	taacttnaca	780
tttaantggc	ntttnnnnct	tnaattggcc	centtttt			817

<210> 4128

<211> 684

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(684)

<223> n = A,T,C or G

<400> 4128

agnnnnnnnn	nnttgaanac	nnnagctact	tggtcttttt	gcaggatccc	atcgattcga	60
attcggcacg	aggataggct	tagaaattat	tttttatcag	cattaagtgc	ttcaatttct	120
ccccataaag	attctaagga	aatttcagtt	cctcatatta	tagttttccc	cataatttaa	180
tattactaag	tatttctctg	cccagtaatg	ttgatgcagt	ttgcataaat	agccttggaa	240
gtaaggaggc	aggacagaaa	gccaaatata	gaaatctctg	gccttgattt	agtgcagttt	300
tattctaata	gggaccatag	gtgttattag	taaaaagata	gtgtacaagg	cctaagttca	360
gtttacattg	ttctttgaaa	tgagttcatc	ttttgtgttg	aataattgta	ttctaagtag	420
gagatgcctg	tattttaacat	aatcatgctt	tctatataat	caaatatgta	tttngtggaa	480
tactggtaga	aataaccttc	ttcctcnttg	ccanggaaaa	aaaactcccc	attatncngn	540
tataaatagg	aatttgtaca	tattacattt	taaaatttaa	atgcatatat	ttgaaggatg	600
gatatagtct	gagctatgct	gcttaattca	ctcctggacc	gncaatgttt	tatatggctg	660
ctatgctggt	acngctgat	gnaa				684

<210> 4129

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4129

acganagcta	cttggtcttt	ttgcaggatc	ccatcgattc	gmnctannt	cgagaagagg	60
tntggtnacc	tnctgntgcn	cncnctgggc	tggacggnaa	gangactnnt	nnntcnangg	120

```

ngngnnnnngc ggcacaccng gtatttganc atgcattatc tncacacact gtgcagcatc 180
ctttggagag cacaacgcat ggaaagggtca tnnannntnt ganttgccat ntcnntngcg 240
ngtcntccta cccaagtaaa agntacccttg gcnatnntac cnccgntttt ntcactcnen 300
aggacntatt acctnggggtg cntnnaacgt aatcnnttac tnnnnctcat tctnacnnnn 360
nttggaccca tngncttgct gncacaccta tgaagnactg tttcacagcn ctttcacttc 420
ctacnaagggt accatgttat ttatcttgcc tngaaaattc tgaattntac ncttaaattt 480
taannnttnt tnaactntnaa ngcaaaaatt ttttgaactg aaaggctcnt aaaggcnttt 540
ngactcttca tttttcaa at tngggaaaac aatgctcaaa agagttntnt tnaccttngt 600
aaannaangg gaanaanaa ctggaatctt tcttgancct ntacnttaac ctcttntntt 660
cactggtnct tgcanttttt tccctaagtna tttntnnggg attatttnat ttcaacccaa 720
cacttgancc ctttttanng ccaatgcact tgggttaaacc atgggggnaa aaatgcccc 779

```

<210> 4130

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 4130

```

acganagcta cttgttcttt ttgcaggatc ccatcgattc gnnnctannt cgagaagagg 60
tntggtnacc tntgntgcn cncnctgggc tggacggnaa gangactnnt nnntcnangg 120
ngngnnnnngc ggcacaccng gtatttganc atgcattatc tncacacact gtgcagcatc 180
ctttggagag cacaacgcat ggaaagggtca tnnannntnt ganttgccat ntcnntngcg 240
ngtcntccta cccaagtaaa agntacccttg gcnatnntac cnccgntttt ntcactcnen 300
aggacntatt acctnggggtg cntnnaacgt aatcnnttac tnnnnctcat tctnacnnnn 360
nttggaccca tngncttgct gncacaccta tgaagnactg tttcacagcn ctttcacttc 420
ctacnaagggt accatgttat ttatcttgcc tngaaaattc tgaattntac ncttaaattt 480
taannnttnt tnaactntnaa ngcaaaaatt ttttgaactg aaaggctcnt aaaggcnttt 540
ngactcttca tttttcaa at tngggaaaac aatgctcaaa agagttntnt tnaccttngt 600
aaannaangg gaanaanaa ctggaatctt tcttgancct ntacnttaac ctcttntntt 660
cactggtnct tgcanttttt tccctaagtna tttntnnggg attatttnat ttcaacccaa 720
cacttgancc ctttttanng ccaatgcact tgggttaaacc atgggggnaa aaatgcccc 779

```

<210> 4131

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 4131

```

gnnnntttcn aaannttttt gaaanccttc ttnncctttc aaancgcttn cgaattcggc 60
acgagcactt gtcaggggag aggggacagc aagggtggag gttgaagagc tttgaggctc 120
agcagcatgt ttgtggcatt cgggtggacac catggccttg ggcggttga cagggtttttg 180
tgatgtgagg gacacgcatg gggcacatgg taagcttggc aagggttcca ggaacgctga 240
cgaagggttt taggaccccc acccccatgc ctgtaccagg gctggcctnc agagcgggtg 300
aggacagagc agctgtgggc ttttcattct gaggtcttgg ccccccctgcc accgcaaggg 360
actctttgct tgtcagggtc tgcaaaaacc aaccttcgag aaagaaaagg gaactcttca 420
cgttgaatgt tgactttgtg tgtatgcctg tgtgtgtgtg tgtgtgcacg cgcgcgtgtg 480

```

```

cgtgtttact tcatggaatt ttgttttctg aaattcccc caatcgtgtc agaatttacc 540
ttcatgcccc atcacactgt tggttctgct ctctgaacct ggggtgtagt catttgaang 600
actctcttct gcgttttcta acagtttatt ggtgggtctc aaagttgang ttgtggaagg 660
gttgggaaga aactgaagtt ctatccattt ccatagaatt tacatnctgc atttnaaang 720
canggaagggc ttaacccccg cccaaaaact ncaggcct 758

```

```

<210> 4132
<211> 1335
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (1335)
<223> n = A,T,C or G

```

```

<400> 4132
gccctttcta antgctnaga ccttgttact cctcatgaac gtttggnaaa tncegcacga 60
ggaaacagac aaatctgtaa taacggccta ancctntttc tngatnagn ntcatttttg 120
cccantcnna aaaaatgtgn aatagnttat tcaagncaan cagctcattt tccaacaatc 180
ctnngctcat gtgatcccc aatnccaca actttntgga naaccnngg gccncanag 240
gttgtggaag aatgggggtt tagatgggtt cngggaactt gnagggtatg aaaaagggnc 300
cannccaggc tngaactggg gattnggann aaacnccaat cgnaaaaccn ntttttaaan 360
aacnccccct ttaanaaggg ggcacctgnt nttaacggc taaganaaaa ttggaattg 420
ccccctcan gttncatnna aacgggggatt tggaaatttt ggaaccccc gggggnnann 480
attatcccat ccacaaanng gaacctggg ggcancnccc aggggganct ttgggaaaac 540
aagggggggc ccttggcctt ttaacggcgg ngcctntttt tgggcantaa ncnaggetng 600
ccctaanaan gggggccncc cttntntaa cccccanna cctttnccgc gtttncant 660
nccccntggn gncctaaacn ctgggntgcc cntgtctatn ncnagacccc ttttngccc 720
ntggggggnc nantttaagn cccccccnt tgggaaaatn tcccccaan nggnngnang 780
ggngngcccn aaattttnc nncgnncnt ttttgnanc ntntngggc natcccttat 840
ggntnaaacc cttngnaagn ntcaccaaat tnggggtggg cccctttcta anggtaaaaa 900
caaaaaangg nnngggnnnc cntttgncan cattnncttt tcccaanacn ctttggnggg 960
gnaaaaaacc cctgtaanan ncaagcnccn gggnaanata aagggtaaaa atcncccnng 1020
ggnnccctta aggnntttt naaagggaac nntaaanccc cncccnggg ngnnaaattc 1080
cttgggcttt tacnncnct ttngccnca acnntgggac naaaggnttc tnacnagggn 1140
aaatnggggg ggcntnaacc cgaacccccn antnccnct aagganagcg ntaanttaan 1200
gggaancttc ngccttgcaa anaaagntnt ttgnacaatn ttngcnegaa aanngngggg 1260
gaactnaaaa ctgggaccaa antcncnng gncctanacn ttananaaaa gatgntaaac 1320
aatngcccc ccccc 1335

```

```

<210> 4133
<211> 848
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (848)
<223> n = A,T,C or G

```

```

<400> 4133
ggtnnnnatt taanntnagc tacttgttct ttttgaggga tcccatcgat tcgaattcgg 60
cacgaggnnc ctgcaagggc tgggtgtgga acaagcannn tngntgcntg aagcaaaagt 120
nanacngngg tgtnnactgt tgatgtgacc ccacaaagtg tnggaaccgc catcaaggcn 180
nggntagctn gggcactgtg gancggaccc anaattncnn nggntccttc naactgnang 240

```


atcctaccna	ggtnacccnn	ggatngngct	tntntaatnc	nntttgtgcn	acccenaata	300
gcnnngatcct	gaaaganatg	tgccatgtng	ancaggtgct	gtnaaagaag	actgcttcng	360
ctccctgncc	ttttgacctc	ccngagttga	aacatgtagc	aacacgnntn	ccatagaata	420
caaggctcca	gntgaagaaa	aagaaacggg	ntctggtcag	naacaatcag	nttcctnttc	480
ttggangatt	ccccntntnt	aatnaaaagc	cctnatttna	nntttnnang	cnttnaatnt	540
tttacnctn	caatnttttg	tttgcntaan	atgctttttc	aagggtttgan	aaccctttaa	600
anggggggtt	tttttnaaaa	tggaactttc	tntgggattt	tnagggtttt	antttggctt	660
anttnaaaaa	aaaagntaac	caaaaaccgt	ttnccttgnaa	aaagaanggt	nnacccttta	720
aatnggatnt	tgggcccttt	aancctttca	atgttccang	gnttacctna	cttttangtt	780
ntntcccaaa	aaaanggttn	ctaangtntn	ccttatttgg	actnnaanaa	cccnaattga	840
acttttnn						848

<210> 4134

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4134

cntnnttggn	cnnnnnnnng	ggggntttgc	antgcggnct	aatggctnng	gctactngtt	60
ctttncgcag	gancccaneg	attcggaaaa	tataggcctt	tattgtcttt	aacattgaag	120
taactttgta	gttttattca	attatgagcc	agcagatcct	tagtttaggc	ccttatattg	180
catacctaata	tagaactttc	cccaaagtgc	aactgcatga	ccttaatgta	ttggagcacg	240
tcttacaggt	ggacttaaaa	ctctagaatt	tcctgagtcg	ttgttatttt	ccactgaagg	300
tctttccatt	gtacagcatt	tcaggcatca	tcactatgat	tcttttttct	tgactgttgc	360
ttgttttccc	actgctcttt	tccccaatgg	cgagctgggt	gtgccatctc	tggggctctc	420
ttataggaac	tcacagtcta	gcctactgta	ttttgttttc	ggagaagtga	aagtgaacac	480
tgttatttgc	catcatacct	ccatcaagaa	tttcaacttc	ctaggaaata	tatgggcctt	540
tcagtggaact	gatgattact	gtggctgatg	tgagtgttgg	gcttangatg	ctcacatgtg	600
gtagttggaa	gttttgtaat	ctaagatgga	aatgagtggg	ccattttaa	ggccatctaa	660
aggtcacagt	gactgcanaa	gaagtnagaa	gagagtataa	ttcttcagct	ccctggactt	720
ccatangaaa	gctngaaaaa	cttataccca	gattacccaa	aaaaaaaa		768

<210> 4135

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(798)

<223> n = A,T,C or G

<400> 4135

gnnnnnnnnt	tncgngtggg	cnnttaggtg	ggggntttct	nntttactna	tagctngtgt	60
actcgttctt	tncgcaagat	cccancggtt	cgaattcggc	acgagggnaa	cctttcaatc	120
actttaacta	gtcnccttaag	gactctaggg	ccagaagcct	ggtttctggg	tgaatgtttt	180
tatacatcac	tcaacttccc	tcgtcctaaa	aggacaccta	attttgttac	tattgaaaat	240
ttttattttg	gtggccagaa	tacgaaatcg	ggagaggtaa	cccaaacagt	tgtcttagga	300
aaaggcagat	tctcagaggc	aatgggctat	caacaaaata	ggtgctaagc	acatttggtt	360
gtaatgatca	ttcatataat	ttanaagatt	tatggtaaca	gtttatattc	attatccata	420
cagttctatt	tttgcaaata	gaataaccac	ctataagcaa	acagtgttaa	tgagaaatat	480

atattgtntt	aagaaaatag	catataccac	atgaaaaaga	gtgttccctt	tctntttttt	540
tttttgccag	aaatcaagt	tggaagnctt	gatcaaagta	aaactaccta	tttgaactgc	600
acanataaaa	ctggggtgcc	caatccntat	tttacatttc	tngggcttga	ttcatataac	660
tttgtaanaa	aaaagttnac	tattnaaaaa	gtcnngtgng	ccttcacttt	tgacttggac	720
ttctattccc	ctttttgtcc	tgggattnct	tttctctacn	cnatttctnn	aaatnttatg	780
aaangggcnt	ntntncnn					798

<210> 4136
 <211> 1105
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1105)
 <223> n = A,T,C or G

<400> 4136						
gaccccnttc	ntgattgggn	cnnaggtggg	gggttttctt	ttttactaaa	tngctngtgt	60
cntccntant	ctnctnanna	nnnagagcnn	agtcctcana	cagcncgnag	ccccantagc	120
tgggcctaca	ggcgcccgtc	nccacaccna	ctnttatggg	ggggngnggg	gngggggaga	180
cggggntttt	accatgtttg	cnncccgeng	gtgncncgt	ggtcannnct	gnngaccanc	240
tnttncgggn	canancncnc	cggnetcnnt	atcccnccnc	aggnccncng	ncncctnca	300
nnntgaann	cccnccccn	ctcnnancta	acnngnagcc	acngccaant	tcnnntntnn	360
cgtncantt	tnactacact	tnttcnnctc	ccntnttcca	ctctnnngnc	ncnnncnnnc	420
nggtctnant	nccntncttc	ttntatagac	gntcatcacn	nccaccncca	annttnnctt	480
cancataate	ncntntance	tncancncnn	anntacggcc	tcnntctccc	ccccctnttc	540
tcacncttan	ttctnctctc	ctctcgcccn	tnctnnngcn	ncctccnctc	ccccctnaa	600
tnntctnctn	ntctctccct	ntcnnttttc	gntnancacn	catnnccatn	ccaccacctc	660
ancntatct	atnatcttan	cntcctctc	tcctctnctc	atcactgttc	nacnccctnct	720
cacancannn	atctctctc	acannttgct	atcatctana	tctctntctc	ntcntcacca	780
nanccntnac	aanntctctc	ccctctcnca	tctcncttca	ctctnnncnac	nnnncannct	840
taccgcaegc	ctccnctctc	accttcaactn	ccccactntt	cantntcgnc	ncgnctctnn	900
gacctctctt	cncncnatte	cannnnctctc	ctcctaccna	tnntcnatte	tcnntcatna	960
ctactntntc	antaccana	nccnctctnt	cataantccc	ctcgacnntn	ncncacctct	1020
actntgcgcc	cncnnccac	ttctctctcc	cnntangtca	cctaccaanc	anntnnatct	1080
mntattctan	tcnantacnt	tacct				1105

<210> 4137
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 4137						
nnntttntnt	tnttggngnn	gnnnagtnng	gggttttctt	ttttntaan	ngctgcgcta	60
cttgttcttt	ttgcaggcat	cccatnccat	tccaattcgg	cacgaggaga	tccaagtggg	120
ttagaagggg	atgattgctg	gtgaagggtc	tgaacatggg	gacagggtgg	aggctgagca	180
cacactcgta	caccgctggc	aggaagagaa	atgacttttc	tggactacaa	tttggagata	240
acacaaacat	taaaaagaag	aaaaaattgt	atcccttttt	gactaagcaa	ttctaggatt	300
gttatttttt	tctcctgagg	aaactagcat	ggatgttcac	attcagggtg	ggggatgttt	360
atcaatttgc	tattttagaa	aagagaaaaa	aagtttagca	tgtcacaaga	taattttcat	420

```

caatatatgg tacatccatt tagtgaaatg ctgtacagcc atttaaaaag atacagaaga 480
ggccaggcac ggtggcctta cttggctaata taaaaaaaaa aaatctgtag agatggggta 540
tcaccacgtt gccacggcct gtctcgaacg cctgggctca agtgatcctc ccacetcagc 600
ctaccaaagg cctctagaac tatagttagt cgtattacgt agatccagac atgataagat 660
acattgatga gtttggacaa accacaacta gaatgcagtg aaaaaaatgc tttatttgtg 720
aaatttgtga tgctatttgc tttatttgtt aaccatttta agctgnaatc aaacaagttt 780
nenn 784

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```

<210> 4138
<211> 784
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(784)
<223> n = A,T,C or G

```

```

<400> 4138
ctntntnggt cctnnnnngnt ggcttttctaa tgcntaannc tgntgggtctn gttntttttcg 60
caggacccat cgattcgaat tcggcacgag gtggtagcctt ggcttttaggt tttcattcgc 120
acggaacacc ttttggcatg ctttaacttc tggtaacacc ttcacctgca ttggtttttct 180
ttttcttttt tctttctttt nttttntntg agttgttgnt tgntttttaga tccacagtac 240
atgagaatcc ttttttgaca agccttggaa agctgacact gnetcttttt cctncctcta 300
tacgaaggat gtattttaat gaatgctggt cantgggaca tttngtcaac tatgggtatt 360
gggtgcttaa ctgnctaata ttgccatgtg aatgttgtat acnattgtaa ggcttatgtc 420
actaaagatt tttattctga tnttttcata atcaaaggct atatgatact gtatagacaa 480
gctttgtann gaagtntang ancancnatt tctgtacctg atcaagttta ttgcancctt 540
tcttttccna ttnccttctt ttaagggtta gtattancaa atggcaatga gtcnaaaagn 600
tancatgaag attttnnaan gagagaactt accggacaca gattngtgan nctttgactg 660
gggacaccta ttggatgtga ttcttaaaaa gcttttnatt ggagccattt ngccaaaatt 720
ttgnaaanct ttcatagggg gnattggacc nttattatcc natnaatncc ccttcctata 780
ttnc 784

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```

<210> 4139
<211> 778
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(778)
<223> n = A,T,C or G

```

```

<400> 4139
tnngnnnnn nnntggggnt ttcaatnttt cnaantgngt ctngttcttt nngcaggatc 60
ccatcgattc gcaaaaagcca ccttttgttc gaaactccct ggagcgagcg agcgctccgga 120
tgaagcggcc gteccacccc ccacagcctt cctcggtcaa gtcgctgcgc tccgagcgct 180
tgatccgtac ctcgctggac ctggagttag acctgcaggc gacaagaacc tggcacagcc 240
aattgaccca ggagatctcg gtgctgaagg agctcaagga gcagctggaa caagccaaga 300
gccacnggga gaaggagctg ccacagtggg tngtggagga ccagcgtttc cgctgctgc 360
tgangatgct ggagaagcgg nagatggacc gagcggagca caaggggtgag cttcagacag 420
acaagatgat ganggcagct gccaaaggatg tgcacaggct ccgangccat agctgtnagg 480
aaccncaga ngttcagtc ttcangaaaa gctncatgga gcnatccct ctgctgatg 540
aagtgcattc cagcatcact tcagctgtcg gggcatttgt ngggagaacc agaccacctc 600
tgcggaangc agcanacct tttccagcca tggatngagt ttgaattctt ctataaacng 660

```

```

ntcaccatca naccacccaa ttcatttcca ttgctttgcc tatagaggaa atttanannaa 720
tcanattnaa tgggtttcact ttatttnaaa ancnnnnaac tctaaaaact ntggncct 778

```

```

<210> 4140
<211> 762
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(762)
<223> n = A,T,C or G

```

```

<400> 4140
tggttntcct gntgggggtgt tccttnttnc aattatgtgt tctcgatcnt gtngcaggag 60
nanncengcg ntggccggtg tgttgcccag actggncctc acctcctggg ctcaagtgn 120
nctcctccct cagcctcccc aagtgctggg attatagatg tgagccctcg caccagacaa 180
ttatatattat tnttaaaaaac gccctcatg aagtctgggt aattctctcc agatttctcc 240
ttatcaacaa atttataaga gttaggaaaa aaatgatgta aataaagcac ttaaattgcg 300
acagtggntc tattcttaac atnataatgc ttatgactaa ggagcattct tntnnttata 360
aannaaatgt ntntcgnact gttagantac atgagggtca gagacnttat nagtntgtaa 420
gaatgcnttg tggattntnc taannnatca cctacagtaa tgggctatgg ctaacacct 480
ttnacaaaat ngaggnnac anatgaaatt ccagttanag atcataangg tgtctgcggt 540
gaccttagt nattncctnn cgattacngg cgcnaaat t aacgatganc tnnagctca 600
nnagntttgg annatttnng ctnaaatgct ctctggaca ctaccatact tagcatatnc 660
ctgggaaata ctaaccgaat aatatncctt taaaacaccc cggcctcaac agataagatc 720
tatgatctaa cgtttnattc ttttcacaca ttattattaa tn 762

```

```

<210> 4141
<211> 860
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(860)
<223> n = A,T,C or G

```

```

<400> 4141
tggtttnnng gnttggggtt ttcaanttn gctaanagct gggctactng ttctttncgc 60
aggancccat cgattcgctt ttctttgcag tatgaaggta gataattcct caagttaaag 120
atggactttt ttcaccagaa atggctttat ggaatcaatt tgcaaaaatg taagaggtgg 180
caaaggaaaag aataaaaataa tattttcatt ttcttctggt attcttagat cctttggtag 240
attgtaaact ccatgaaagc aggatacctt cttttgccct aaggcttggc ccaaaagaga 300
taccaaaaaa atacttgctt atataactaac ctagtctctg ggtgtgggag ccatagaggg 360
ttcanggtgg ggtggtgggg aagggtggng nnttncgat atccgaaatg ttncccatn 420
naangnattn nnagcaagt tangaangan ttttgctnaa tgaaatngnc anagaacct 480
naanttncat anatgcenat gctnaaagc ngccttttga agctttatct taangntctc 540
accttcata acnnccaac gnatnacntn tttccttanc ttgggnattn natannnaac 600
atangctenn cgtttattca anantccana acctnggng gcnnttatan tntcctcnt 660
nccnaacct ttggaaant naanccctgg ncnttttnc atttctctc ttttttanca 720
natanatann ncnntcnntc ttentntana nntnnnetcn nnnennctnc cntncnntcn 780
ctttntntnn ncanntnct cntentann nttntentnn acannctnc tantnnntn 840
ngnntnctc nttntntnc
860

```

```

<210> 4142

```

<211> 762
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(762)
<223> n = A,T,C or G

<400> 4142
nagngcnntt nnggtggggg tttcnaattc ncnctaaaac tggggctact cntnctntcc 60
gcancaancn ngcngntcga attcggcacg agaagggaga ggcagtagga ctaggagtta 120
aattgtcatg ccgaggtctc tgagcatggg tgggcctgtc agaattgtca tcgctcactc 180
tgttgacttc cagcagctga caggcaaggc cctaggaagc tcttcagcct cctttccttg 240
ctagaggtgc tgttttcctt ggaaatgttc aagccctgca aatcgtttct atagtaacag 300
gtctctgtct tttttcttat gatgcagatt tttgaaaagg tttcttatct aaatgttctt 360
gggatctatg gtcttcctac ctgtagctcc tttgattaga cagagccttt atttaaagac 420
ttttccccc aagaatgttg ntgttgcttc taccaaaata ataaccantn gntagtttta 480
ctagtgtctg aagttntagt ttattaataa agcttcatnt naactatnaa aaggantggg 540
tgngtacnaa tagtaatacc ngaaaaaact aatattcact gntnctctca tgtattngnn 600
aactttaatt ntnnattatg naaaaccttc aaacataana gtagtcaaaa ttatataata 660
gacacctata tacttaccac ctanattgaa aactaacatt cttgccatat tggcntacnc 720
tattccatac tgatagtaaa ncntagacca tgtattttaca nn 762

<210> 4143
<211> 783
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(783)
<223> n = A,T,C or G

<400> 4143
attntacagc tcttggttctt tttgcaggat cccatcgatt cgaaaagggtg gccatgtgag 60
aaggactcag caagactttg ctggctttga agatggaaga atgtggccaa aagcctaggg 120
atgaatatgg cttctagaat ctataataaa caaggaaaca ttatttccca gagcctctag 180
aaggactgcg ttttgctttt gcctcggttt tagccagta agaccattt tagacttctg 240
atctttggaa ttgtaggtta atgcatttat attattttta gccactaatt tctggtaatt 300
tgttacagca gccgtaggaa attaacatgt agggaaaata acgtttcaat gccaggtat 360
actctgaggt caagccagag aagagttggg cagagacttc aaaaacgatg aaggaggggt 420
taggaagggtc ctagcatcag tggaatagaa taaaattact cttattaaga ggggaacctn 480
accnttagng ganaaatnct gnaaatgggt ctgagacaaa atgcnttana gcaactggtg 540
ctagaaaaat caaacatagg agatttagga anatggangc ttgcaatgaa ttatgattgc 600
atcactatat ttcanccctc atccctgtct tccagaaaaa aaaaaaatng gggatttnaa 660
aggtttattg gtncttaang gccagccent ttgaaaaanc cattgggttt tggnaaagga 720
aaaagggccca atttaaaang ggacctgtnt tngtaccagg ctttggtgna tttgggaaaa 780
aaa 783

<210> 4144
<211> 1063
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (1063)
 <223> n = A,T,C or G

<400> 4144

nccccntnnn	naaggggggg	tgggggggtct	caactngcta	gcggtgtgna	cnnnaactn	60
gccnaaaaga	aggntggggc	natccngcac	gagntgacgg	ngcgggntcg	ggntttgntg	120
nttggnanaa	nccttcenat	atctccagtg	cggganncac	tatctgggat	ctctattgac	180
ctacggggang	ctttccctnag	tcantcgtta	cncactgna	ctangngana	ccacgcnaen	240
ntacncttan	atnctctnng	cacatctgaa	ntcacnngga	ngnttagtnc	gcagecgnccg	300
nntccacann	ccnngatcac	gcgcctctnt	nncnaaananc	atannctcac	ttgntgttnc	360
nccgnttann	ttangttngn	ccnaacaaa	nettacnncn	ttntcagnan	nactccacct	420
cttccnccga	aactnnncnn	acngnncatn	nnancnngct	tcnngcnnct	ncnnnnnngc	480
ngnnccannt	nntnaatngc	cntcnnctca	acacgccccaa	accttacnta	tatncccttn	540
accacncttn	ncnnanccct	ctaccncccg	ancctctcgtt	ncccccatnt	cnantctctnc	600
tctcnchnacn	cncctctctc	ncnncctca	ttccccccct	naatngnnc	tncatcncac	660
naenttgntat	gacntctctc	cnccctacc	nacnctctct	ccaaactnct	ctggcaaaaan	720
nntcctcnct	ttcatatact	antnnntatc	tnccctntgn	acnntcttnc	ngnccgcaaaa	780
ntcanctctc	acacnnnaca	cntnnctctc	ncgctngcac	ctatctactc	aactnctatg	840
cactcatcgn	nncaanctc	tnacctcnca	aactctntnc	nactnccnca	nancccccca	900
cnnanacana	ngcgnaana	caccnncaca	nanggcgata	cncttatnac	netcngancn	960
nanatcnccn	ctctacnctc	nancatncac	gtntctctct	atcatcngcg	ntcnccnaac	1020
tcagcagttt	annaenccat	actnnctnca	ngggctcaan	tat		1063

<210> 4145
 <211> 996
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (996)
 <223> n = A,T,C or G

<400> 4145

gcncctttgna	annttttctc	aatgctgggt	ttgctacgga	aacccttggc	aaatccggca	60
cgagcttctc	gtgccagggg	accgtggaga	aagtgtcagg	ggccgctcac	tgcagcantt	120
ttgctctgct	gcctnccnng	gcagecgtnt	gnggggtngta	cacccaaaana	gctgggtgtn	180
cgngggcggt	gcttgnaatc	ccanatactg	nanganctg	aagctgcatt	atcgcttnaa	240
ccnggggggn	acgangangc	canggagnca	aaatgggggc	tnntagana	aaactttgtn	300
tcanaaaaaan	aatgaataat	nanacaagaa	aatggganaa	gccccataa	cttacnngt	360
ntctcttggc	cnaangcaaa	aactccactt	gnaaagccan	ganaaaacgg	ggnaananca	420
aaacaaaant	atcacntgga	ccnnnaaaca	naaaanccaa	ggattnnct	tccccnaaat	480
tggantnaag	attcaatgga	catggnacnn	aaaaatncag	nggtaccgga	actccngana	540
ngcnntacag	gttgcncaaa	aangaaaccn	naaaanccgg	ggagngnttn	attaaaaggg	600
ggnatcttncg	cncantttta	agggaaaggg	ccaccaagn	attnagnac	aacacnntgt	660
tgaagggaan	tcattntnn	gcgaganaaa	nggntgntac	atcccccaatt	ntanaaaaang	720
gcctnnaaaa	aaanatnttt	nnaaccncac	naaatctntt	ancactaggg	gatttcnaaa	780
aantagccnn	nnnnaatatn	gggggaaaan	aaaancgatn	nnaganatca	tacnngaaa	840
aaccnngggg	tnattngana	ancacntttt	nnaagntann	ggggcatngc	ancncaaagg	900
gngcantaaa	nanatagnen	ganagnacat	tanaaccctt	tggtganaaa	aacccccagn	960
angnccccaa	anaggattgg	ctnnaaaaaa	aaaang			996

<210> 4146
 <211> 783
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 4146

ttnaagctna gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgagct	60
aagccccaaa acgaacttca aactgggtgt ggtggcacgt gcctttagtc ccagctaccc	120
gggaggtctg ggcaagagga ttgcttgagc ccaggagttc gagtccaacc tgggcaaaag	180
agtgagaccc catctctaaa accaaaaagg taccttagaa ggtcacctgg ttggctaacc	240
ttttaaaggc aggggcgtga cacgtaggac acattgggaa tgccttggct actacatgta	300
gccttctggg atatatgtgc ccagagggag aagcactgag cctgaagaaa ctagatgagt	360
ctcagaacca cagaccggcc agaaatctct cccaccatta tatcagcgtg atacaggtct	420
acattcattt ctacaaacag gaacaagtgc cttgcagcaa taatttantt tattaacttg	480
gnttttttaa ttnacccttc cttttgaggt taantttcat cacattatgt tcaaanattc	540
ccatatnttc cgtaaaatta ccagcttaat tacangggca tttgttccca ttgggttant	600
tnaaaaatca ggangtttat ttaaaaaatn cctgagttct ttaagggctt ggctttaacc	660
ttttcaantt tccacctggn ccttgtnaaa aaccagttca agcttggaaa accaaagttc	720
tttnatttgg ngggtcantt tcttgncaac ttttttgagc tttgannccc ttggacanna	780
ctt	783

<210> 4147

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 4147

ggntnttnaa acnnnagctc tngttctttt tgcaggatcc catcgattcg cccggaagca	60
tccaggatgt gggaacattg tgacatttgc acaattttta tttattgctg tggaaggctt	120
cctctttgaa gctgatttgg gaaggaagcc accagctatc ccaataaggg ttctctaatt	180
gccaacatga ttctaggaat tatcattttg aagaaaagat acagtatatt caaatatacc	240
tccattgccc tgggtgtctgt ggggatattt atttgcactt ttatgtcagc aaagcaggtg	300
acttcccagt ccagcttgag tgagaatgat ggattccagg catttgtgtg gtggttacta	360
ggtattgggg cattgacttt tgctcttctg atgtcagcaa ggatggggat attccaagag	420
actctctaca aacgatttgg gaaacactcc aaggaggctt ttggtttata aatcacnccc	480
tttccaattt tccgggtttc gcntnnttgg gnttnccgaa tttnttnnac ccatgccant	540
tcttattcaa ataaagtcct gaagttattt tgnaaattcc ccgntcattc ggggaaatgg	600
accccttgcc ccaatcaatn gtggggnttc ttaacccttc ctttatttga aaccattnat	660
tcnacctcaa aacccccctt tnaaccnctt gnggccaaact tggttgggc accttgggtt	720
gggctttcaa ttggggaacc tttaatgggt ccaccnnaag gtgttgggaa caaccctagg	780
ggacccccca aaaaagtgga gccctcanaa nggacancca tnaat	825

<210> 4148

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (792)

<223> n = A,T,C or G

<400> 4148

tttnaaancg	ttagctctng	ttcttttttg	aggatcccat	cgattcgaat	tgggcaagag	60
acaccctgga	ctcctgcagg	ggaggacaca	cggaggtgga	caactgcaga	tacacttaet	120
cggagtggca	cagttttact	cagccccgtc	ttggtgaagt	gagttttcct	aagtggccta	180
caaactctatt	ttaattttct	ttaaacttta	taaataacta	actggattct	gactataatt	240
ttcaattaat	tatgaatcta	ctaattctac	taattgaaag	ctattatatt	tcctcaattt	300
taatttagtt	atgttcagat	ttaagtgggt	atttacttcc	cctcctattt	ttttaattga	360
aagaattact	aaataatgtg	tgatgagatt	taaattactg	tctcatgget	ttgtgctaatt	420
atttcccatc	tgacaacttg	taccttagaa	acaaaaaatg	tggtaccagc	aanaccagc	480
attgtntctt	tacttttgnt	nnntntnggg	aaanaaaact	gacccccatt	tttaatttgg	540
ccttcaantt	taaagtgggt	tgcnatgntn	actttttcag	cttaaaaant	tttgaaaagg	600
naaaagtant	ggactttttt	tanaaatgga	acaccctgtt	attacttgct	ggccacatgc	660
cgtggacttt	ttannaaaca	tgcttntact	ggaaatttat	antggtgaat	ggtttgaaac	720
cggaccant	cttgtgcatt	ttttatgggt	ttgggaatnc	cntttgangg	ncacactttt	780
gttaaaaatn	aa					792

<210> 4149

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (802)

<223> n = A,T,C or G

<400> 4149

tnnntttcaa	atnncaggct	actngttctt	tttgaggat	cccatcgatt	cgaattcggc	60
acgagngnag	ctcancnnat	gtatnttgnc	acttgggagc	atcatctttn	caagggccac	120
tttgaggatga	aatggntntt	ttacatactn	agcatcaatt	tggncctaaa	atcaggagac	180
attcaccett	ctccacccca	atttccaaca	tccccctctt	tgnagagaga	gcactntnga	240
anccactgag	cccnatagcc	ctagggccta	naccactatt	ncaaaaangga	agactttttn	300
atnactatga	canacaccca	nnctggantc	ctctgectgn	actnaaagct	ctaacccecaa	360
cctntttttc	cagtgcacac	ccttntactc	actaaaaatt	tctntccact	caaactagcc	420
tggatgcct	tccctgaacg	gggcttggtg	ntccccatta	gctcaacttt	gcttacatgc	480
ccaggttnaa	aaccccnttt	cnncaggcca	gacaaaantg	ntnanttntt	tcnnacacgt	540
aaaatgaaag	gctcttgngg	tnentnaaaa	ggcctcttan	aaactattgn	ggagtcnttt	600
ttncggttg	aatccanact	tggattanga	ttccattgga	tgaaattttg	gnacaaaacc	660
nnaaacttnn	naatgccnnt	ngaaaaaaa	atggctttta	tttggggaaa	atttggggaa	720
ngcttnttgg	ctttaatttn	gnaacctttt	ttaagctgcn	attnaacaan	ttaaccaanc	780
accantggca	ttctnttttg	nn				802

<210> 4150

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (788)

<223> n = A,T,C or G

<400> 4150


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ttntttcaaaa tegetagget actegttett tttgcaggat cccatcgatt cggaaccttt      60
gaatagtgggt tgtacatata gtttttcaga gctgggtgttt aataacaata tttttcatte      120
taatattaca ttattctttt tatcatttag gtctttatcc gtcagtgttt ttagagaact      180
actgcacttg accacaaact gataaatact tggtaactgcc ccatctcact gttctgttta      240
ctttgtctta aatatctctt ttttttttcc caggcageta gtacaccact gaatccttta      300
agctttcagt gtgaatttgt aaaactcagg attgaccttt tacaagcctt ctctcaactt      360
atctgtactt gtaatagcct gaagacaagc ccaccacctg caattgccac aacaattgcc      420
atgaccttag gaaatgacct ccagaggtgt ggtccgcac tccaatcagg catgtcttaa      480
ctttnagtgc attttttatt tancctttt aaaggntttt caaattttan natgaaaagt      540
ttgnaaaatt tnaaaatcag ngggtttgaa ctcanaacat ttttcataaa atgtttaatt      600
cactcaactn gncnnggctt aaaaaaata gctggatggn gttattanga aaagataaag      660
tggtttcatg gtaatctcaa tggggggcta ccataattta ttttaaagag aaanggneng      720
atttttttaa aaaccttgga naangtttat aacttaaatt ntttnatngg aacttgaaaa      780
ccctaaan

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<210> 4151
<211> 746
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(746)
<223> n = A,T,C or G

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<400> 4151
tggnnccnna agccctttgc nacttnntct ttttgcagga tcccatcgat tccaattcgg      60
cacgaggagt tcaactgcaa catccgggca ccttcaaagc agatgggtctg gtgcagccgt      120
cctcgtagca aggagagggc cgtgggtggg gcttgggaaa ggcggtctgat ggtgggtggg      180
gatgcacccg agagcatcca gtttgtgctg gatgaggact cctacctggt gctgagctc      240
gatgggggtcc gcattcttct ccgcagcacc cagcagttcc tgcagtgggt tccagcggcc      300
agcgaggaaa tcttcaaaat tgcttcaatg gcccccgggg cgctgctcct ggaggctcag      360
aaggagtatg agaaagagag ccagaaggcg gacgagtacc tgcgggagat ccaggagctg      420
ggccagctga cccaggccgt gcagcantgc attgaggctn caagacatna nccccaacn      480
gactncccaa aaaattntgn tcanggcccg cttcttttgg aaagggtttc ctggacagat      540
ttccaccgga aaagcttctt gcacattgtg tcaaggacct gcgtgtgctc aatgctgttc      600
gggactntca cattnggat cccgttacct attgccaatn taacagggtta cttcaagtg      660
ctgctggaaa gctctgttgc ggaaatttac cctgggcac tcaatttcaa tntgcnctt      720
ctaactcagg ttacnggact ggcctt

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<210> 4152
<211> 742
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(742)
<223> n = A,T,C or G

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<400> 4152
gnnntttttn natacagctc ttgttctttt tgcaggatcc catcgattcg aattcggcac      60
gaggcaaagt tccattttgt tgatctcgca ggatctgaaa gactgaagcg tactggagct      120
acaggcgaga gggcaaaaga aggcatttct atcaactgtg gacttttggc acttggcaat      180
gtaataagtg ccttgggaga caagagcaag agggccacac atgtccccta tagagattcc      240
aagctaacaa gactactaca ggattccctc gggggtaata gccaaacaat catgatagca      300

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tgtgtcagcc	cttcagacag	agactttatg	gaaacgttaa	acaccctgaa	atacgccaat	360
cgagctagaa	atatcaagaa	taagggtgatg	gtcaatcagg	acagagctag	tcagcaaate	420
aatgcacttc	gtagtgaat	cacacgactt	cagatggagc	tcatggagta	caaaacangg	480
taaagnatta	nttgccaaaa	aggtgtggaa	agcctcattg	acatgttcat	ganaatgcta	540
tgctacagac	tgaaaataat	aacctgcgtg	taaaattaaa	gcctgcaaga	nacngttgat	600
gcattgaggt	ccagaattac	acacttggtt	gtgatcaggc	caccatgttc	ttgccaaaca	660
ggtgaaggaa	tgaggagatt	agtaattgat	catagttttt	aaagaatcga	aatctaggca	720
aatttngaag	tgaaccngat	ta				742

<210> 4153

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 4153

gnnnttttnan	natacagetc	ttgtttctttt	tgaggatcc	catcgattcg	aattcggcac	60
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acaggcgaga	gggcaaaaaga	aggcatttct	atcaactgtg	gacttttggc	acttggcaat	180
gtaataagt	ccttgggaga	caagagcaag	agggccacac	atgtccccta	tagagattcc	240
aagctaaca	gactactaca	ggattccctc	gggggtaata	gccaaacaat	catgatagca	300
tgtgtcagcc	cttcagacag	agactttatg	gaaacgttaa	acaccctgaa	atacgccaat	360
cgagctagaa	atatcaagaa	taagggtgatg	gtcaatcagg	acagagctag	tcagcaaate	420
aatgcacttc	gtagtgaat	cacacgactt	cagatggagc	tcatggagta	caaaacangg	480
taaagnatta	nttgccaaaa	aggtgtggaa	agcctcattg	acatgttcat	ganaatgcta	540
tgctacagac	tgaaaataat	aacctgcgtg	taaaattaaa	gcctgcaaga	nacngttgat	600
gcattgaggt	ccagaattac	acacttggtt	gtgatcaggc	caccatgttc	ttgccaaaca	660
ggtgaaggaa	tgaggagatt	agtaattgat	catagttttt	aaagaatcga	aatctaggca	720
aatttngaag	tgaaccngat	ta				742

<210> 4154

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 4154

gnnnttttnag	ntacagctct	tggtttctttt	gcaggatccc	atcgattcga	attcggcacg	60
aggcaaagt	ccattttgtt	gatctcgag	gatctgaaag	actgaagcgt	actggagcta	120
caggcgagag	ggcaaaaagaa	ggcattttcta	tcaactgtgg	acttttggca	cttggcaatg	180
taataagtgc	cttgggagac	aagagcaaga	ggggccacaca	tgccccctat	agagattcca	240
agctaacaag	actactacag	gattccctcg	ggggtaatat	ccaaacaatc	atgatagcat	300
gtgtcagccc	ttcagacaga	gacttttatg	aaacgttaaa	caccctgaaa	tacgccaatc	360
gagctagaaa	tatcaagaat	aagggtgatg	tcaatcagga	cagagctagt	cagcaaatac	420
atgcacttcg	tagtgaaatc	acacgacttc	agatggagct	catggagtcn	caaacagggt	480
aaagaattan	ttncnnaaaa	ggggtttggg	aagcttcatt	gacatgttca	tganaatgct	540
atgctacaga	ctgaaaataa	tacctgcgtg	taagaattaa	agccatgcaa	ganacgggtg	600
atgcattgag	gtccagaatt	ncacacttgt	tagtgatcag	gccaccatgt	tcttgcana	660

cangtgaagg aaatgaggag attagtaata tgatcatagt nttttaaaga aatcgaagat 720
ctcangggcaa atttttagaa gtgaaccatg atga 754

<210> 4155
<211> 773
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (773)
<223> n = A,T,C or G

<400> 4155
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gaactnnccn aaanaaaan gcggttcgaa ttcggcacga gatttgattt aaaaaaggag 120
aaatgttcac actcagtcta gaccacttag gtatgcagag ttgcatectg aaagcaattg 180
ctcacacttt ccttaatatata ctccctntcc acctttgcaa aaccttgatt ggcatggagc 240
ctcnaactgt tgcattgtat acacatgtaa taagaaagca tttaaactctt tggaaattag 300
gaattgacaa gataaataga taaggcataa agccaatttt tcacacatgt ccttaggctc 360
ttgtaaatgt gtgcctgggtg ctgctttgac ttncagggtc cgggaggctt tctctttctc 420
tctntccca angtgaggct ggcaagctat cagnctctcc agagcaaaga gaaatggcag 480
gagaattgac tgcgtgaacc ccacagggcc ggtagtggaa aaataaatgt cttaaattgaa 540
agggctcacac tngtgtanat ggtgactgtc ntgcttgcan cagctgagga caccgactgn 600
gtgtagcgag tgtcctgctt ttcattgtca catctggctn aataaagaan tcacgaagca 660
nacctngcct tggctnaaac cctntgngct ggacacaaat gactttgatt ncaaactcaa 720
gtccttggnna ntgtcacaaa ggacnaaccc ctggctggga caaaanccta cna 773

<210> 4156
<211> 773
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (773)
<223> n = A,T,C or G

<400> 4156
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ttctgcagga tccntcgat tcgaattcgg cagcaggcag aaacaatagt caggagtgtg 120
agattnggct gattaacatg gtgaaacccc gtctctacta aaaatacaaa aattagctgg 180
gtgtgggtggc ggggtgcttgt aatcccagtt actcaggagg ctgaggctgc attatcgctt 240
taacctgggg ggcggagggt gcagtgaacc aagatggggg caataagagc aaaactttgt 300
ctcaaaaaaa aataaataaa taaaaataa aatatgtcaa gcccttctc ttctgtctc 360
ctctcgtggt gtgtacttga ctcccttctc cgccagatct cacaggactt tcagatttaa 420
gcaataacctg gccagaagaa aaaagcaaaa tcattccatt ccccgagtgg attcagatca 480
aaactggtaa taaaatcagg tcgactccaa aaggagacat tggagaagaa cgaagcgggg 540
tctataagga attgcacgtg agatggcaca catatttatg ctgtgtgagc attacatcg 600
cgttaccata tcaagctgaa aatgtcacca ctatctggag tgttggaat gtttattggg 660
aatatgtntt ttctctgaat ctgctatgaa cagctnaatt ggggtgggtc aataataaat 720
atgtgagact tttcatttca aaataaaaaa ggcaaatgat gtaaaaaaaa aat 773

<210> 4157
<211> 809
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(809)

<223> n = A,T,C or G

<400> 4157

cnaanttttc	taatgctgnt	tctatnengn	atnctnggct	anccnacnac	nnnggatnch	60
aattggcacg	aggcttcacg	agagactgac	ngctatnacg	ggtcgtggca	cttaangagg	120
actntttctg	ccccagngtg	tgctgatgac	acatacacac	ctgacaatag	ctngngtntn	180
ctctgnnctt	ttnnctctgt	naccancatn	cacnngatct	aaaacccttt	ctnaatatct	240
atcntggntc	atccttggcc	atgcagngtc	agagctntat	gnacttnatt	acncttnncc	300
ttngaacttn	tnntnagnta	cngataangn	gctatctttc	agctggatga	tnaacgnttt	360
nntctgtacg	nacatggacg	atgntttcct	caaacctcta	naactataga	ccagtcactg	420
ntacntntan	ccagacatga	ttnnatacat	cnatgagtna	gnacaaacca	caactanaat	480
gctgtgaaaa	aaatgctgna	tntgatnaaa	tatgaaatgc	tatcgctata	ttncctccnn	540
catangcngc	ngtnntcatt	tagcaacaac	aattgcatcc	attaaaaatnt	ttttaaggna	600
cantttggan	ngtcccccaa	tnttggngaa	atncnanggc	cccaaaatgc	cangtgccnt	660
tananacccc	ggggacccca	accttttnga	aaagcgttnc	acaanaaggg	gtnaaagttn	720
nanncgctt	ggccnnnaaa	anaaacnggg	naataacctn	ggttaacct	gnnttttnaa	780
actngggntt	ttncnnnttn	aaaaaaaa				809

<210> 4158

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(834)

<223> n = A,T,C or G

<400> 4158

ctaanagttt	cntaatgctt	netttetaata	nentaattac	tcaggnggct	cnannnaaca	60
ggcgntgngg	ncnctcaccg	actcctccct	ggtnacacang	cttntgnggg	gccaccaagc	120
ccctnctgng	ccccctccca	tccatantgc	atggcgngtg	gngccccent	ggctccaaga	180
cagatcangc	ccnancttgc	ntctaccnnn	atnccnctg	anaacgtgcc	actgaatnaa	240
ntntgggaaa	ccagaaaaga	tatacatata	tttaagaatc	atttactatt	taaatgagac	300
aatcaatatt	attnnagaan	cannnatccc	aaatgagaca	atcatnntta	anttncaaga	360
tancagaagt	gaccaatgtc	atttnacaac	acctanaaga	tnnactggtn	nntcaggtaa	420
angtagantt	ttactganaa	ncctgnatgn	atttgacttg	tgcttttgta	ncnntnntnt	480
nccttacttn	tttngntttc	catancctan	taannatgca	ttactttnac	tggaataaag	540
nnnnatcctt	naaaagggtc	tttctnttag	ctntacaggt	nnacaatnat	nnctggngtc	600
ttgacncatt	tgnnacttan	ntnccctann	gcttttnagt	ataantttcn	aaancnnggc	660
cnttttagctt	ttncntnagg	ncanttnacc	cccttnttaa	aaaaangnnt	anttnengcc	720
nnaaatttgg	ncntgaatct	ttctccannn	tcggcttttc	cantattttt	ataaagccnt	780
gganagggnc	ncaaatgggn	tttggnetta	anttccttat	atacttanct	cneg	834

<210> 4159

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (814)

<223> n = A,T,C or G

<400> 4159

nnnccttttg	aacctcacng	aaanccttcc	ttctaattct	ggcacgcttg	ganatcgaac	60
tnnctcnaaa	nanatnggtt	tngggcctgg	ggcccttcta	gcctgagctg	gtgacctggg	120
catctgcacc	ctaaccacag	ctgaccgagt	cagatctttg	tccagtgttc	tgaagatcaa	180
atgccgtgcc	cttttgcaat	ataacaccag	ctgcttttag	tccacagcct	ctgacatgcg	240
atgtgaagac	acgttttatg	gagcagacat	tatccaaggg	gagagaaaga	gacaaagagt	300
gctgagctcc	aggtttaaga	atgaatatgt	ggccgaccct	gtataccgca	cttttttgaa	360
gagctctttc	canaagaagt	gccanaagag	acagtagtct	gcatacatcg	ctgcaggcca	420
cagagcactt	gggttggaag	agagaagatg	aaagggacat	ccttggggct	gtgcccgtga	480
gttttgctgg	cataggtgac	aggggtgtgc	tcttgacagt	ggtaaatecg	gttttcagag	540
tttggtcacc	aaaaatccaa	aataccccca	atgaaattgg	acgcagcaat	cttgaaatca	600
tctctaagct	ttgctttcac	tttgtgaacn	agttgncctt	ctattgatcc	caaaagaaaag	660
ttttctaagt	taaaaggaaa	ttcctangtg	aatcaacccc	acnagggaaa	aaccctcttg	720
ccacaataag	gaaggccggg	ttcccccttg	gtgccnggtt	taangggccc	cntgtaangg	780
naaacacnac	cggggnacct	tttttttttn	taat			814

<210> 4160

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 4160

tnnnnttttg	aaanntttcc	taatgcantn	gngaaacttc	tnaaaccntg	gcaatngctc	60
tttctgcagg	cagcccagcg	atncgaattc	ggcacgaggt	tagagtaagt	aaagatatng	120
ttaagaaaag	tacttaaata	caagaaagag	agtcaacaaa	tatttatacc	attctctcat	180
taagtgcac	tgggtccata	aatttaaaga	cagcgggttc	cccatatcta	tggntntgca	240
ttccatggnt	tcagttacca	cagtcagcct	ctgtctgaaa	atattacatg	gaaaattcca	300
gaaataaaca	attcataagt	tttaagttgc	atgccgttct	gagtagcttg	atgaaatcct	360
acaccatccc	cctccatcca	ggctagtaca	tgactcatcc	cctngtccag	catatccaac	420
actgnctatg	ctaccgcgcc	attagtcact	tagtagccaa	ctcgggttat	agatcgactg	480
tcatggnatc	atagtgcctg	ngttcaggta	acctttatct	tacttaatat	tgacccccaa	540
tgcaagaatg	acataatggg	ataacnggnc	tattnnatca	ttaggnaatg	gnantagnct	600
cttactgggg	ctaaattata	aattaaatcn	atcatgggca	tatatttaga	ggaaaaaacc	660
atgggggacg	taggggtngg	nccnatnngg	gggtcaaaaan	atccactggg	aagnctnaaa	720
aacatanggn	ccngaggaaa	aggaangagn	cccggaaaacc	ttnaattntn	cttaa	775

<210> 4161

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (817)

<223> n = A,T,C or G

<400> 4161

gtnnnctttc	taatggcttg	gctactcgcc	ttctaattnt	ctaatncttg	gonactcggt	60
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ctttctncaan gnaccnntcg ttncgaatcc ggcacgaggg aagggaggtt taaggaagag 120
actgtgggaca gaggtgttag ggaaggtgtc agagaaggtt aaggagccaa catggatcat 180
gggggtggta cagtgttgcc agggctgggg aggtattggt gcagtgtggg gtaccagcc 240
gctgccatgt ggagagggac ctgtcactcc tgetgtgaac tctccctct tctgccctct 300
gacctctgc tgggtgcctcc cattggctaa acacagtga tggccagtgc actggggagc 360
tgttcttggg gccacaggc atctgcttct tggcacagag cagacaatgg attgagtcen 420
ggaggggaagg gaactagaga ataccgaagt cccaacccca ngcgtttgct gaatgtgtct 480
aatcttctct ttctacaaac ccattctgacc tctnccctc ctctccacgc caagctaggt 540
cccaattctt cctcaagctc cactccttcc accctgtaat cttttntatc acctnccct 600
cctnaacacc ttgggtccgg ctttacaagn ttccttccc gngacttagc cttttcccn 660
acctttgccc aancaaattt tacttcttta aaaaaaggtg gcttgggaac ctaaaagaca 720
ttantccaan ggttaaaggc ctcccttttt ctttttatcc ccaaatcaaa aaccttttta 780
aggctctttt ttcattcaaa attttaaaaa ccccnct 817

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<210> 4162
<211> 871
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(871)
<223> n = A,T,C or G

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<400> 4162
ttttcccnaa annngcntng gctacncgtc tttcaaaatn ttcanatccc ttggcaactc 60
gccncnnnac gcacaagaan tntgngttgg cgttcttgag gagctnagcc ttcgctcctn 120
aggatcacag gcttncatgt tgaagctggc agtgctagag gctannncct atctgngtga 180
cagcatttna natntancag gaccgacttt gangttnecc aatatntata ggcannctgt 240
aaatcatnac accgtntgcn atancctctc tcanctctg tctnctctt ntaactgnag 300
caaaagtctt ttctcangca acaacnttcn tnnatccctn agnagnat actgtgttcc 360
tnnncatggt cggcgaaacgc tattacgnc gactncaacn acncacntga catngaccn 420
tatncaaac nngntangga aaagctanat gtctgnangn tgctnnngc ttgangantg 480
ctaanagcnc tttagancat ccattanctt tctnnangct tgangtttta nggctnatan 540
nncnttgga nttangtatt ctgggnatga cctncatng cttntnanac tattnaatcc 600
agacctogan cnntannctt ggaangtncc ncancnnaan nantatcctt ggggaacngg 660
nggtactgna ctntngatca anccnaanan ntggngantga nccanttggg aaattgaatc 720
cntaatctc cctgggcaa cnnanngng gcttgettna aananntgga accnnannat 780
gcccgtcaaa ncttccctaa ttancctngg tanactgcna ctggcanntc tnnatanggc 840
naattccana agnnntgant nttattcacc c 871

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<210> 4163
<211> 829
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(829)
<223> n = A,T,C or G

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<400> 4163
tttctaaatg gcttgggnnn cnccttgac caccgaaaac gnttggcaac ttncctcttc 60
tgcangancc catcgattcg aattcggcac gagataattt ttttagtttg tttttgagac 120
tntctgtca ccaggtga gtacagtggc atgatcatgg ctacagcag cctctcaacc 180
tccctgggct caggtgatcc tcccactca gcctctgag tagctggtac cacaggtgtg 240

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tacctgggta	atTTTTTggt	gtttcttata	gaggcaggat	ctccttatgt	tacccacacc	300
ggtctcaaac	ttctggactt	taggaatcct	cctgccccgg	cctctcaaag	ggctggacag	360
gtgtgagcca	ccaggcctgg	ccccaaagctt	gtacagcagc	atctgcccc	ttatacctct	420
ggcactcagg	cagtgatgcc	tcttgccct	ctggcaaaag	gagcacactt	ccgttagttt	480
tgtatttgta	tggactttta	tacctatgac	gtttctgggt	ctgntaatct	tgtttttccg	540
actgattgaa	actttcatct	ctggatatcaa	ttggggnggt	ttcttagaaa	aaagcttggt	600
gtgaaagggg	ggcaaaaaaa	aagaaaccaa	ngttctgaaa	gttcacctct	ttgaattgca	660
acccaccctt	ggtanaaaga	atgggaatca	atnggaatgc	cttggccnaa	tttttgnanc	720
cnnttttttt	ggcaaaagaa	aangggatcc	aaaaagtgg	aaccgggaaa	aaanccttgg	780
ggnaaacctt	ttgggtnggg	aaanggggtt	gggtngnacc	caattccna		829

<210> 4164

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 4164

tcnccctttt	caaaaagc	nt	tgggnnnn	cg	n	ntttctaac	tttccnaata	cntgggcaac	60
tcgctctttt	tncangcagc	nnntcg	ttgg	cgaat	tcggc	acgagact	ttt	caacatttca	120
tggatagaat	aagtaatggt	gggttagaag	aaggaaaa	acc	tgttgatcta	gttcttagct			180
gtgtggacaa	ttttgaagct	cgaatgacaa	taaatacagc	ttgtaatgaa	cttggacaaa				240
catggatgga	atctgggggtc	agtgaataatg	cagtttcagg	gcataatacag	cttataattc				300
ctggagaattc	tgttgtttt	gcgtgtgctc	caccacttgt	agttgctgca	aatattgatg				360
aaaagactct	gaaacgagaa	gggtgtttgtg	cagccagtct	tcctaccact	atgggtgtgg				420
ttgtctgggat	cttagtacaa	aacgtgttaa	agtttctgtt	aaattttgg	actgntagtt				480
tttaccttgg	atacaatgca	atgcaggatt	tttttctctac	tatgtccatg	aagccaaatc				540
ctcaatgtga	tgacagaaat	tcaggaagc	agcaggagga	atataagaaa	aaggtagcag				600
cactgcctaa	acaaagaagg	tatacaagga	agaggaagag	ataatccatg	aagataatga				660
aatgggggtat	tgaanctggg	atctgagggt	caagaagaag	gactggaaaa	aatttttcaa				720
ggcccagttc	cagactttac	cttgaaggga	attaccaagg	ggcattacac	aaatttccaa				780
aaaaagcang	aagaatt								797

<210> 4165

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 4165

tnncttttcta	atgttttnna	atgctgggtac	cctttcaaan	cncttngcgc	cagaatgggt	60
ccatggctgc	tgtgaatgga	cacaccaaca	gcttttcacc	cctggaaaaac	aatgtgaagc	120
caaggaagct	gcggaaggat	tgaagtcaaa	gaattgaaac	cctccaaaacc	acgtcatctg	180
attgtaagca	caatatgagt	tgtgccccaa	tgctcggttaa	cagctgctgt	aactagtctg	240
gcctacaata	gtgtgattca	tgtaggactt	ctttcatcaa	ttcaaaaacc	ctagaaaaacg	300
tatacagatt	atataagtag	ggataagatt	ctaacatttc	tgggctctct	gaccctgctg	360
ctagactgtg	gaaagggagt	attattatag	tatacaacac	tgctgttgcc	ttattagtta	420
taacatgata	ggtgctgaat	tgtgattcac	aatttaaaaa	cactgtaatc	caaacttttt	480

ttttaactgt	agatcatgca	tgtgattgta	aatgtaaatt	tgtacaatgt	tgttatggta	540
gagaaacaca	catgccttaa	aattttaaaaa	gcagggccca	aagcttatta	agtttaaatt	600
aagggtatgt	ttcaagtttg	tattaatttg	taataactct	gnttaagaaa	aatcaaaagg	660
accatgattt	atgaaactaa	atgtgacata	attttccagt	gacttgntga	tgtgaaatca	720
gaccacggac	cttcagtttg	nacctattgg	ctttggaatc	aaccg		765

<210> 4166

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (776)

<223> n = A,T,C or G

<400> 4166

ntctttctaa	ttacttatnt	gtcatggaac	tcccactntc	tcnaennanc	naggenntgn	60
cgaattcggc	acgaggcaag	agatttcaca	gacctgatng	tttttnatga	agatcgtaaa	120
accccaaatg	gacttatntt	gagtcacttg	ccaaatggcc	caactgctca	ttttaaaatg	180
agcagtgttc	gtcttcgtaa	agaaattaag	agaagaggca	aggaccccac	agaacacata	240
cctgaaataa	ttctgaataa	ttttacaaca	cggntgggtc	attcaattgg	acgtatgtnt	300
gcatctctct	ttctcataa	tcttcaattt	atcggaaggc	aggttgccac	attccacaat	360
caacgggatt	acatattctt	cagatttcac	agatacatat	tcaggagtga	aaagaaagtg	420
ggaattcagg	aacttggacc	acgtttttacc	ttaaaattaa	ggtctcttca	naaaggaacc	480
tttgattcta	aatatggaga	gtatgaatgg	gtcccttaag	ccccgggaa	atggatacaa	540
gtagaagaaa	aattccattt	attaaagtct	gacagaatga	tattgnattt	gctgaacaag	600
cctatctttg	aactntggga	aaaattattt	tttgacagna	atactctttt	caaaaatggg	660
catttgcttg	atttccanaa	acctttcncg	ttctgggacc	gaattaccca	aatgcccattg	720
gaatttccca	ctgggggggtt	taatgttnaa	aantcccaan	taaaaagttt	tttttcg	776

<210> 4167

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 4167

tnncttcaaa	ctttcgctct	tggttttttg	caggatccca	tcgattcgaa	ttcggcacga	60
gagttttgga	tgagacttgg	tatgggtccat	tctgggacaa	aattcctctc	tctctctctc	120
tgcggaacctg	tgaaatctag	aaaataagtt	atttgcttct	aaaatacagt	gatgggacag	180
acataggata	gacattccca	tttcaaaagt	gagaaattgg	gccaggtgca	gtgggtcaca	240
cctgtaacct	cagcacctgt	aatcctagct	ccccaggcgg	ctgaggcagg	aggattgctt	300
gagcctggga	gatcaagggt	gtagttagcc	atgattgcgc	cacctttatt	ggaaactttt	360
attccagtta	ccaataacac	attcctcatt	tcctccagag	acctcaccag	aaacaccttt	420
aatattcata	tttctagcag	ccttctgttc	ataacaatat	atgcatcctg	ttaagatgat	480
aggagatttc	tctgcacctc	tcctctttgt	gagcctgcag	ggacattccc	tttaatgtcc	540
atattttctac	cagcagtctc	ttcaaggcag	tctaggtttt	tcctaacata	cacctcaaaa	600
ttcttgacgc	tttgggccaag	cacagtgcct	nacatctgna	atcctaacac	ttttgagagg	660
ccacatggac	aagatgcttg	agctcaggag	ttcaagacca	gcccgggcaa	catatgaaac	720
cctgccttta	aaaaaatcaa	t				741

<210> 4168
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (789)
 <223> n = A,T,C or G

<400> 4168

gnnnnntttt	nnnnntttt	tggaaanct	tnnnnnnnnn	tttcnaatnc	ttgggcnact	60
cgttctttct	ncaggcagcc	catcgatncg	cctttattca	ttttcactgt	tatccagaat	120
tccattatat	gaatatgcca	taatttttaa	gttcacgtta	ctattgttaa	gtgtttctaa	180
actggaaatt	actccagaca	atactatgag	cacacctgtc	tgtggctttt	gatgagcatc	240
tgaatgcagg	ccaaacttgg	cctgccaaac	agttttctgc	gttgtttgta	ccagttcaca	300
ctccctgcc	aacagtttct	gcaatgtttg	taccggttca	cactcccacg	gcagcacatg	360
aaagctttat	ttgctccata	tcctctcaaa	tttagaaata	attacaaact	tatgtaaaag	420
ttaaaagtac	tatacaaata	attttatgcc	tgaaagtgtc	caagttcatg	ccatattact	480
tctaaatatg	ttagtgtgtg	ttttctacaa	acaaggagat	tctcctgtgt	accagacagc	540
agtcatcaaa	gtcagagaaa	ntaacatcag	tacattgctg	ncatctaata	cttactccta	600
ctcaaagtgt	cactantttg	cttccaaaag	tgctctttta	tggcaggang	gatcanaant	660
aatgtatagg	ccaagcacia	ngccctggaa	tctggaaatc	ccagcacttt	tngggaaaac	720
caaataaggaa	ggttgccctg	gaactcctga	cttaaggcga	nncanccaac	ttaaaccttc	780
ccaaagngg						789

<210> 4169
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (728)
 <223> n = A,T,C or G

<400> 4169

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actaaaagcc	gagactgttg	tggcgacggc	gacctctacg	gcaacggctt	aagctctcgg	120
aggagtggca	gagtacgatc	tgaaggaggg	gcttctgtgt	agcccagggt	ccatcataat	180
gaatggatcc	aatatggcaa	atacatcacc	gagtgtaaaa	tccaaagagg	accagggggt	240
aagtgggcac	gatgaaaagg	aaaacccatt	tgacagatc	atgtggatgg	agaatgaaga	300
ggatttcaac	agacaggtgg	aggaggaact	gcaggagcaa	gacttcttgg	accgctgctt	360
ccaagagatg	ctggatgaag	aagaccaaga	ctggttttat	ccctcacgag	acctgcctca	420
ggccatggga	cagttgcaac	agcagttaaa	tggactgtca	gtcagtgaag	gtcatgattc	480
tgaagatatt	ttgagcaaaa	gtaacctgaa	cccagatgcc	aaggagttaa	ttccaggaga	540
gaagtactga	gccgagaaa	ctttgaggaa	gacttgtctg	tccccacatc	tggggatagt	600
aatgcacaaa	atggtggagc	ttagaagggg	gatggggccg	gccaaggggt	gcacancggg	660
aaagggantg	gtggcttaca	atactgggac	tctgagtact	aatatgctca	gtcttattct	720
aaaaaaaa						728

<210> 4170
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (735)
 <223> n = A,T,C or G

<400> 4170
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 tctagatatt gcccaatcgc tgcccacagt gcacatacct tccaccagt cacatgtgag 120
 agggcagatt tcccaaatgc tcatcaccac ttggcactgt gtggactata attttggcca 180
 gttaggaaat ggcattctcat tgttttcatc ttaatttgcg tcagcctgat tactcattga 240
 aacttgtgag gttgagaaac ttttcttaag cttattggcc attcaagttt cctcctttat 300
 gaaatggttg ttcattgcat ttgctcattt ttatattaga ttgtttttct tttttccagc 360
 tgacttgtag gaactctaca tcttatcaat attaatcatt tatcgaaaac tatttgggtg 420
 ccattatctt ctcttagtca atgttttttg tttgtgatat cttttataat atataagttt 480
 ttaatgttgg cagaagtaaa gttaatcttt ttggctgtgt tgtgtgtctt gtttgatgta 540
 aagatagttt ctgtaatatg tttgcagttt gattgntcat ctttaggtct tcaattcaac 600
 ctgcacatcc atccccctta tctcttttct tactctgttt ttctccatac cacttatcat 660
 ccaataatat ggtcatgccc tttattnacc ngntttgcat atataatttg gcttgncccc 720
 ggttccttcc ctana 735

<210> 4171
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (773)
 <223> n = A,T,C or G

<400> 4171
 tanacnnatt ggtntgatgc ntgggtgctgc ctgcgctgcc ttaagaagct gagactcaca 60
 caagtgttaa gagggatatc ctggagacan ngtagagata gacctgtta cgaatcagag 120
 ggccagcact aagttttgga ttaagcagaa acccatctna atcgattccg acctgctctg 180
 tgccctgtgac cttgctgaag agaaaagccc cagtcacgca atattttaaac tcacgtatct 240
 aagccaatca cgactatnaa cactctact ttgaatcgga cgctgctacc cgtcaatgaa 300
 attgtgctca aggttaacta catcctggaa tcgcgagcta gcaactgccg ggctgactac 360
 tttgctcaaa aacaaagaaa actgaacaga cgtcgagctt cagcttccan aaggagaaag 420
 aaaatccggg cagcagttga cactggcctt cagcctnaat ctgttcccgt agcttnagaa 480
 ccttgccctgc cagggccaag tgccctagag cccaccccgg tgctctgaan tccnnggggg 540
 ggaggccagc cccctgggct tactgggcac anggcaagtg gggctctcng gggaaagggtg 600
 tctggnggcc cccttangaa gggaancgct ggggacattt gccattggga ccggaaagtc 660
 ttggtttggc anttggtttt ngataanca tgctttgngg gtcnagacca cccnctaaa 720
 ggagccacgt ggcngccaa gccaccttaa ttgctggca cctggcccng gng 773

<210> 4172
 <211> 797
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (797)
 <223> n = A,T,C or G

<400> 4172

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cggcacgaga	ggcagtgaact	gccttcgggt	ttttttctgc	tgactaagat	ctcctataga	120
gagctacaac	aatgcccaca	agaaaggctg	cagggtcaagg	tgatatgagg	caggagccca	180
aagagaagat	ctgccaggtt	gtctgctatg	cttgtgcccc	gttacacca	gaagtgaag	240
ccctaaaaag	aacatcaagt	tcaagggaaa	atgaaagaca	aaaaagtgat	atgatggaag	300
aaaacataga	tacaagtgcc	caagcagttg	ctgaaaccaa	gcaaggaagc	agttgttgaa	360
agaagactac	aatgaaaatg	ctaaaaatgg	agaagccaaa	attcagagggc	accagcttct	420
gaaaaagaaa	ttgtggaagt	aaaagaagaa	aaatattgaa	gatgccacag	aaaagggagg	480
agaaaagaaa	gaaccagtgg	cagccagaag	taaaaaatga	agaagaagat	cagaaagaag	540
atgaagaaga	tcaaaacgaa	gagaaagggg	aactggaaaa	gaagacnaag	atgaaaaang	600
ggaagaagat	ggaaaagang	attaaaatgg	aaatgagaaa	ggagaagatg	caaagagaa	660
agaagattgg	aaaaaaggtg	aagacggaaa	ggaaatggag	aagatggaaa	agagaaaggn	720
gaaagatgaa	aaagaggaan	aagacngaaa	ngaaacngga	gatggaaaaga	gaatgaagat	780
ggaaagagaa	ggagttt					797

<210> 4173

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (813)

<223> n = A,T,C or G

<400> 4173

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atggggcagg	cctgggtctg	gagaggattt	tgtgtgaaag	taaatggggt	gtttgaggcg	180
tatgggtggc	tggttggtgtg	gggaggcatc	ttgtgtatgg	ctgttgggaa	cagcaaccaa	240
aagggtgcttt	ttggttttat	ttgagatcaa	gattgtgttt	ccgcttaatt	actagtttgt	300
ggtctatata	atagaagtta	tttccacccc	cattttatct	tgacaacccg	tgtttgcatt	360
tctgtaaaac	ttctacaact	tctgggtgtca	agaactgtcc	agaagatggg	actgttaact	420
ggtatttccct	ttgatgtttt	gattttgaaa	gtttactctc	atgcaaattg	ttcangcgta	480
catacatagg	cagaaagcaa	atttttaggt	gattttgtctg	tntcttggat	gaaatttaaa	540
gcaagcttta	atggtctgac	ttgntcattt	gaaatncaaa	aaaagtaagt	gaaatttaat	600
ggtttngcat	taacctaaag	gaaatcttga	agattnatgg	ttgaaggaaa	ttggtatggg	660
ccatgccctt	tggtggaaac	ccngaaant	cnttttttaa	gtttaaaaat	tgaaaaaaag	720
ggttttttaa	tttgctttgn	ggcgtgttn	taaaattggg	acccccatt	tttanaaatn	780
attttttttc	ccgtcttccc	ttttaccaa	cna			813

<210> 4174

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (786)

<223> n = A,T,C or G

<400> 4174

gtnnnnnttt	tctaatagct	tgggatactc	gttctttccg	caggatecca	togatcgaa	60
ttcggcacga	ggttctcagg	ccttcagggt	agtcccttcc	ctggacttaa	gagtgcaaac	120
tcttctctgt	ggttctagcc	ttgggcagaa	ttatatccca	gagaccacag	agcaactgtc	180
aagctgctta	ccccctcacc	cagggtctaca	gcctgtgccc	agccctctaa	tttgtgctc	240

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tcttgtgttg ggggtggtgg ggggttattee ttteccetttc ctgctctggc ctccctgaaa 300
gttcagagta cccagtacaa gtcagcttta aagtacagct tttagtgttt cctgggttgt 360
ttctctgggg cttagtgag ggacctttgc cctctgggtt ttcttgccctc ctgggtttang 420
gagcatctca caettgttag tatctggttg ttgggccagc ccgtgcctnc tctagatctg 480
gagccaggcc aggcaggggc cacgtgtggg ccagtcagcc actacaagat tttgctaagc 540
tttgggctgt tggcagcatc ttggacctca tgccctgggc tgaatganc tctttcttaa 600
gtgggttttac aaagtttggg ttttatttat ggagtgactt accccttcca ttcagagcag 660
cccaccagc cagcccttna accttntggg ctccctgntgc ttaaaggcaa accgctggt 720
tgggctccac cctgtgcatt gggaacccaa ccacccatgc tnaccggnat ttttctcat 780
aaaaagt

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<210> 4175

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4175

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ggacttagaa acgactgttg tgagacacat tcagtgtctca ggatggcaag ttagatatac 180
cgttagaaaag aacattcctt tggggtgttg cctaggaagt tttccagatt tttcactagc 240
gtacatctaa ggaaaaccgt aaacacagag ctgcccttta ttccctccac aggaagaaat 300
gtacatcttc atggagtact gcgatgaggg gacttttagaa gaggtgtcaa ggctgggact 360
tcaggaacat gtgattaggc tgtattcaaa gcagatcacc attgcatca acgtccctcca 420
tgagcatggc atagtccacc gtgacattaa aggtgccaat atcttccctta cctcatctgg 480
attaatcaaa ctggggagatt ttggatgttc agtaaagctc aaaaaacaat gccagacca 540
tgccctggta agttgaacag caccctgggg acagcaacat acatggcacc tgaagtcac 600
actcgtgccc aaagaaaagg ccattgggct tncggccnac atctggagtc tggggtgtgt 660
tggcntagan atgggggactg gccaaaagcn cttggcatga ntattgann cacccttcaa 720
attatgtata aanncnnggg atggnaccta aancccccce atcccngnan anaattaaac 780
ccctt

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<210> 4176

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4176

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cnnnncgnnn nnnnacnan nnnnccggnn aacnttcnag gccnttnnaa ntcccnnttc 60
naangcttgg cnatcgnet tcnncangna cnncgcgtnn cggttggaga aaccaagctg 120
acaaaaacat ggtccccacc ttttgagct tacagtctgt tctggggaac agagattcag 180
ccagnagtca agaaacactg gatgccagct agattatctg ntctgtgctt tgggtgtctat 240
aagtacatat gtggatatgg gttcatttta tccctaaact tagtaccaaa ccagcattta 300
atatctaatt ataaatctaa tntggcctaa actttattat tgcacactgc ctgaacaaaa 360
cctatttgtc tctatgtaaa ttntttcttc atggaacaag ggtgtgaaat gaaaatattt 420
taggatttat tcaaaaacag actattctgt ttccagcttc agaattgttc tttgaatcct 480

```

```

aaggaacctc tgtcaacagt ngaggcngct gttgaaaaga aagaaganng aggcngaaat 540
ctctcangga gaattatttc centtctntt ctatttcaga tacctggagg ggtggggaga 600
ngtaagaatt gtaggggagg atcannnctn ggggaaanct gtgaccagct naatgaanga 660
atgatgattg aaanaacct cttgcatctc tnagntaccc ttengcntcc cttnnaccca 720
ntgggtataaa atntngggcn tngggcaacc actgaccatt tgncaangcc ttaattggnc 780
cccaaataac cnacactggc cenaganctt taaangtctc cagcacccca cncnntnana 840
anncgnnnc 848

```

```

<210> 4177
<211> 836
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(836)
<223> n = A,T,C or G

```

```

<400> 4177
ttctaaanan ntttgggnnn gtgnncttct aatttttcnn atacntggcn actcgnactn 60
tctnnangna gcnnttgngt tngcgaattc ggcacgtagc tgagcacctc gtctctataa 120
aaacaaaaca acaaaacata aacaacaaca acaaaaaact atgtgatagg cattgtgtta 180
ggcactagaa aatagtgtct aaacaacaac aacaacaaca aaacatgatt cttgtctcaa 240
agaatgcaca atgttgggga aagacaacta aaaagtnata aaacataaag tttgaaggat 300
attatgatag angaatnata ggatacgttc aatcatttga aattcntgaa tgtcatcctt 360
ttgggtggag caccgagagg gtttgtgaaa aacttcccac ataaagnaat ntaancnatg 420
cattnnntaa aaatactnat gtnttttnaa aaatgaatat ggcaaataa ctgtntctgcc 480
tancatntga tnaaggnttc acttttccat nccnanggna ttagcttatn nnacttcana 540
catttcaaan gtggaaaaga ctcananct tcaaagcaac cattcttgta aagttaatt 600
tcctgtgan tcgttcanaa tttnaatnct tgggaaaaat gaacctgcaa taagaanaaa 660
aattggtttc actttttcaa tnggggttaa aggtttctgg acttcaccca aagtggcttt 720
ttncaaatgg gggggncccn taaaanctaa tatttaata nggaacttat ntttgcgggt 780
tagcnctngg gggnatnctt ttgncaaaaag gtttaaaaag ccaattnggn aangnt 836

```

```

<210> 4178
<211> 775
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(775)
<223> n = A,T,C or G

```

```

<400> 4178
ctnnctttnn nccnaagtg aaatcggtcg gtttancctt tngcaggatc ccatcgattc 60
gaattcgga ctagcttagt tccacaaata attattgatt tgtttaagcg tgatgtatgt 120
gcttgcctca ggaattagaa gatgagtatg acaaagctca ttccctcagg gaggtagtg 180
tttcagaggg atgaagtaaa agaagatttt aaaactacaa gtagagtgtg agaagtatca 240
cgagaaacat caacaaaggg ctgaggatag aaggtgataa gtctcaagta tctcaagata 300
ttcagcagtg aatcttaaca taaatttgct tttaggggaa gaatttcaag catattgata 360
ggtctttaa tttctagtct ctctgggata gtaggaagga gaatgatttt taaaaagttg 420
attatgtagc atggagtgtt gggactagta aaaattttat tgaaattatt tgggaattgt 480
tttacagttg tttttagtgg aggttgattt tctgaaaata ttgattttta gtgtgatgat 540
ttactaaaga agtagcaggg acttattcta aggtaggaga tagaaaact aataagtaaa 600
aatctgctag caactttaaa tggctgtcaa acttttttta atgattaagt gctaattggg 660

```

ggcagatgga aattgtaaaag ccagtgccan aacaattgag gtatagaagt tttttctctgt 720
 caattgctct acttttgaaa gagaagaaaa ttnganggca aaatttaagt cattt 775

<210> 4179
 <211> 816
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(816)
 <223> n = A,T,C or G

<400> 4179
 tnnengttnc ntattanntg ggtaatnget tggntctngn nctttctnca agatnccatc 60
 gattcgacgc gatagcccaa aggcctctgca gtattccctc caatggccaa ggattccgtg 120
 tgtcatctgc aggagttagt aggcctctgt tatttcttgt aactgctggg tgttacaaaa 180
 taagttacaa tgttttacac tttaaaaaaa aaaaacagaa ggaacatttg ctttatttgt 240
 tacttactag tttagcctct aggttatggc acagcatgct aaaaaatcat gtgtttaaaa 300
 gtaaatgttg gtaaaatgct ggcactctgt cctatttgtt tgatgcattt tcacttctgt 360
 ggtcatagga aatggactgg tctaaagaga gtgaggcaca acacaagcag ggcattagtt 420
 tgaataggaa gtcaatcata tttggtttta tggcctgggt tattttgggt ttaagataaa 480
 atagggaaaa atgtcagaaa tgatccctat gcattttattt catggatccc ttaatttcat 540
 gggcatgcct aataatgatc tatgtttctaa ctggagctta nggcttattt tagatattgg 600
 gagtgtagct tttatttaacn agatggattt tatctttcaa catttgcatt ttgatcaact 660
 tttgtaatat tcaccgtgta tttaaaaata ttgggtgcact taaaatgttt tccccctnng 720
 ntttcttttt atattgggtc caaaggcant ttantcaagc anctntttgg naatggaaac 780
 tcaatgttaa anttggcntt gggttcaann ggaaat 816

<210> 4180
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 4180
 tnnnctttct aatgcttggc tactngtctt tccgcaggat ccctcgatc gaatccgnca 60
 cgagggnggc tgcctntntt ggctttngct nnaagggcna ngttcgggaa ccgttccaca 120
 ncatectgat gtctgaagg gactcactgn gccattgcc agcagtcgnc attccctaag 180
 gtgctgtgat ccanaangc ggntgngaga nattggggcc ctaccctact nactntnncc 240
 cacaccatgt ntaaaatact canntntnn angggcnnaa nacngctatc tggaccccnca 300
 tcaggngctgg gnaacactgt tnaaaagtc cctttcatgt tggcccatg aanagaccac 360
 ngaccacgng gtaentggag ctgatntcg anagttctca agnggggaact gaggggactt 420
 ccaactnctnt gggactnngg tenactnneg tgnanancgg gacnactaca tnttggntctc 480
 tttctganca ccacctntt ttcacgatgg nacntgtaga agggaaatgc tgganngatc 540
 catcentent gntctctct tngccctaa atgnetgcan ncanntccgn ncngtnctn 600
 acctgnnngg tccttttggc ccngcnttg ncatgantac cngnntacct gcacccatnc 660
 ctgacacnnt ttgnetctat cgtgcagtg anggaaangt ggggtgggtat ttttccccaa 720
 taaagacttt agacccctnt tttnt 746

<210> 4181
 <211> 865

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(865)
<223> n = A,T,C or G

<400> 4181

cgtnnccctt	ttcaaatgcc	cttggctact	cgcctttacg	caggatccca	tngatnccga	60
ttcggcacga	gccaacctgc	tgccctcaa	gcccccttt	taccagcctg	tggagttcag	120
gaggcgagac	atnctggcct	cctttgagaa	ctgatgggat	ctacccccctg	tccacgcngg	180
acagtntctc	agaactgggt	catagaccac	ctgtgttacc	aacagccaga	tacctaatcc	240
ctgagcctnc	tttggaang	tctggggccg	agggctctggg	aatntgcttt	ntttttttgg	300
gacagagtct	cattctgtca	ctgcactcca	gcctgggtaa	cagatcgaga	ctcccatctc	360
aaganaaaaa	anaaggan	gggcatgggt	ntagtgtgac	tggggtncca	gctacttcan	420
aagctgaggt	gggaggatcc	cttgagccct	gtaagcggag	gctacagtga	cctntgatgc	480
cantgaactt	ncgncatgc	aacagaacct	gtcttaaaaa	aaaaagtaat	taanaatttt	540
aaaattcaaa	agtgggacta	ttnatnggtt	aacagaactg	nntttaanaa	tgccttaaaa	600
atgggtggnc	catttttttt	aanaacctnt	gctggntntt	attggtnaaa	aattgnantg	660
gntcttncn	tgccnnngt	cnntnaaaaa	ttntttngna	ngggcnagnt	tttatngtna	720
attgntcgn	aaatntgnnn	aanatttcat	tccananna	angntnnnt	tcccttaaaa	780
nntngnactn	aattgcctt	actgttncce	ntnaanttta	aacnacnnat	ttntntaaa	840
accttttnaa	angnaaccn	ncccc				865

<210> 4182
<211> 989
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(989)
<223> n = A,T,C or G

<400> 4182

tncccttggt	gaaanccctt	tgctcctttn	tncnccgtt	tgncatncna	ttcgctcagc	60
tgaggcaatt	aaactggaaa	agaaatagat	tgaaaagata	ctntngaaga	agcagtacag	120
aagtgtgggg	actgaaggag	aggagaccac	tgcaggtgct	agctgcttaa	ggggatacca	180
gtccttttac	agatataata	gatacagctt	ctgaggtgga	gggtgatagg	agtgtgtatg	240
agaaanttgc	agnttnacaa	ctgctcntgc	ctcctnggca	anaggannan	cntttcncn	300
nttncncccc	ttatngnaca	cacattgncc	tgattggncn	tnccnngct	agcttncagt	360
cttnantnta	ctcannagnn	nntnggggaa	cncnctntcn	nantatgntc	ccttttctc	420
tnnctnncc	nnatancacc	ccnctcnctt	tcctttctaa	acttncacan	ntccctgana	480
atgnttccg	aatggantct	tngaatttct	ncgccccctnc	ntctcataa	tcnttttgct	540
ntccnngctc	nccctcattt	tnctacgtnc	cnccttctnn	ttactgnct	ttaaatntta	600
ttanennent	ntncttncn	atctncaant	tttctnnccn	acnnnnnttt	netntntnca	660
aategegna	aataagtntt	gcnactcnn	ntnctanent	attntccctc	gcnntntcn	720
tcctctcccg	cnnactcac	ntnnncnnnt	caattntntn	nnacnncnc	tgetctacnn	780
ncnatntctn	tnctncaaa	ccctntanct	tnctnctcan	aatgcctttt	ctnccctann	840
netntctt	ncnnatctan	ccaantttnc	tttnacatcc	cctncnnntc	tnccccgacn	900
atatntnacc	tcttnnctn	cagnctntan	nacnccccn	ttntcnctnt	cnetctcann	960
cttntnttna	tcttcatnna	tcannccn				989

<210> 4183
<211> 820

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 4183
 tnnccctttct aatggcttgg ctaenggett ctnaagnatc cctngtttcg cagctatagc 60
 actaggcagc cttgcatect ggggtgttgaa agtgcaggcc attatectcc cctctgacct 120
 ccaagatgtt aggtggcctt tctgtgcctc agttttatca tctgtaaatt gggatatgatt 180
 gtactagtgc ctactacata aggagtgtctg caaagattac atgagtgtct ttaaagtcct 240
 tacaacagta tctcacacat agtaagcatg gcatgtggta gttactatca tttagtcctc 300
 cttggagcaa tggatattaa aatttttaaag acagttgtct gntnaggatt ggnecatgcag 360
 cctgaagttt naaaacaaat tgcacctgnc tgtgtncatg ggganacttt ttaangccct 420
 ggacctnatt agctnaatgg gctgtggaan tgnatggggc cttttgnagg gcnccnnttt 480
 tnnaaacccc naaattttan aaagnttaac cccagannct tnattctnca ttttaactgg 540
 cctnttggna gatatatngg cagaagtttt tanaagggtg naaaagtttt ttttgcncn 600
 anaaaaangg ggcttaaaact tttttaattc nnggggtngg cgccnaaatt tttcaataaa 660
 aanntttcan gaattattaa nnggggtngg atnaanngan tttntttntn anaaaggatt 720
 tttaaanaat ttggggggaa gaaccnaat tattaacngc taanttattt natggcttcc 780
 gacttttnaa ngtttttnga aanannccna nntttattnn 820

<210> 4184
 <211> 810
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(810)
 <223> n = A,T,C or G

<400> 4184
 tnnccctttnc taatgcttgg nataccttgg tttccaatgn ttncagggt tncgtgcact 60
 ccagcctaca tgacagagtg agaccctgtc tcaaaataat aatantaatg nactgagact 120
 cagaaaagat gttngntcaa ggttacaaan ctcanacngg acagggcagc attggnaacc 180
 aaaatnggtc tgactcctan gctcatgtctg naaatnacng tgcaaggctt ntactatcta 240
 tntttttcct aanngaattg ctaaattgnac ngatgggttaa catattacgc agaatatgtt 300
 aaacgtcaaa tgaactgtnt naacnataaa tgcctggagag ttgaagtggc caagaactca 360
 tgcccnaggt gatctgggaa ngcctcttga acaaggtgga attatagctg gtttttgaag 420
 aatccgaaaag gtgcttagat tgaaagggtga gacatgtaca ggaatgggtt ctaagatgtc 480
 atattttatc tctgtcctca tcttgactgg cactaatgaa catcaaagat ttnaacctaa 540
 atncattgag tgcccagnat gtgaagggcc ttattttatgt aggtttttaa gctttttaac 600
 atacttttaa agaannggac tggttaatct nactgnctt agatcccttt angaccccg 660
 gagcccgat tggccccag ggngcccttt tgggaaatgg gcgttggtcn gggaccaagt 720
 cttncacntt ttgggacctt accccanaga aaaaggaaat gggtcccttt gggggaattt 780
 ttgccaggac cttacaattc ttgggaanaa 810

<210> 4185
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)... (820)
 <223> n = A,T,C or G

<400> 4185
 gnnnnctttt gaaanccctt ttaanccctt gctcttgntc tttttgcagg atcccatcga 60
 ttcgaattcg gcacgaggca gaggcagggc tagaatgttg gacttcagat ctcttacttc 120
 tgtgtgctag tgcaccattc ttagtccagc acagacaatt ctcaaacaga ttagcaaacc 180
 accctcttga aattgcaaga attgttacca tgtgatcaag gcatcataat taatgcaaac 240
 cctagtttct agttgggaaa gagattaaga tggagacttt gtagtaaaag atggacatat 300
 attttattca catagcttat ttattttgaa tgaaaagacca agcaaactct anccttggcc 360
 tgtcctgang aaggtgatct ntgaaataaa tgcnctgnan aatttgngga canngngnct 420
 nnccntgat ntatctgntn ttatccaang gttcnaatnn tgnccctntt natnccntat 480
 tccctnnaat ttttnttgn aacnncccn natttctnta tngncccttt tcttntnta 540
 cncctntac cntttatttn tnnnaannccc nttttcnnnn ncaatnctng ntctntaant 600
 cntnnncttn tnnntnnctt ttannccct tnnccnttnc cccctnnnnn ttaanaentc 660
 ctncctattt anntcntncc tntttcttc tccnntttct ttaactnnntn nnncttccac 720
 ttctttacct tatatacntt aanntctctn tngtatnta aactcnttnt atcttnccct 780
 ntctnctaaa tncatcctca natnnttagn nntcaacct 820

<210> 4186
 <211> 847
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (847)
 <223> n = A,T,C or G

<400> 4186
 nnnnnnttnc nccnttttgc aaacccttgc ttctnctttc naattggctt ggatcgattc 60
 ggggaattct ctgccttttg gggaaacagtt acagaggacc tnntaaaccc ttgtttngtg 120
 ccaggccccc agaccacaga gataacctgg gacccaggct ctgcccattg ggagctccca 180
 gccctgtgag gaagacaggc catcctcacc cagcacatcc tactgtaccc gaagagaggg 240
 cgcagtgact cattttttgc cgttggcatt aggtttaaaa gatggttgaa cgtccacaga 300
 aggaaaagga attcctggca nagggccctg cctgagcata ggcagggagg ctgagcagcc 360
 acgtgtgctt gagcgctggt ttgncgaggc agcaagcggc ggctgtatgg tgttgctgca 420
 gctgtatggt gaaagggtgt tgaaaagctga nccaggaatc aaggctgctg gccacagacg 480
 cattgatgat ggatgacgtg ctggtggggc tgacacctga aaaaaaangg tgtcaagttc 540
 caaaacaang gcctggcata caagtanggn ccacaaggga gaagcatgag ggaaatggct 600
 tngcccgcct ggggntccct ggganaantn ancaattntt cngnatgnnn aaggnnchna 660
 tnnnnanaac nnnnnnccnn nncnntnnnn annnnnnnnn cnaaannncn nnnnannncn 720
 anntntnnnt naanattnnn nntntnnnnn nnnnnntnan aannncnnna annnnnncnt 780
 anctnnnnnn nannnncnt tnnctnnnnn anaanngnnn ntnnnnnnnn nnaannnnac 840
 cccccc 847

<210> 4187
 <211> 884
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (884)
 <223> n = A,T,C or G

<400> 4187

cgcttggttt	gagcnnctna	anccttccca	tgcgatncca	attcggcacg	agggacagtg	60
ggcctggccc	gtggagctgc	cacgcagggtg	cctgagggcn	nngtgccacg	caggtgtctg	120
aggaccaggt	gccacgcagg	tgggtgggggt	acagacaaga	tgctgggatg	tccctgccc	180
catgggtcaag	ggtgtcctgc	ctgcctgggt	ccagggcctg	agggagccac	atggatcccc	240
agacttggtg	tctcttgctg	aaaacactga	ggtgctccca	tctgtgcgtg	gcccattgagc	300
tgggatgggtc	ctncagcttg	cccacaaggt	ccgnccctct	gtctcttgca	ccaacctgtt	360
tgcataaaca	cactttgcta	caatcttgct	agtgcgtttt	cttaaaagat	aatctattta	420
ctgtaaaaaa	taaattggac	tttgcaaaag	cttttagaag	gaaaagaaag	aggattaaag	480
agaattgctg	gtgaaaaaaa	aaaattccat	aaaaaaaaaa	aactgggaan	ccttttagaa	540
cttntagttg	aggtccgtan	ttaccttaag	ntnccaagac	cntggaatta	nggaattcca	600
atttggtattg	aagttttttg	gaccaaaaaac	cnacaanct	tnggaaattg	ccaatttgaa	660
aaanaaaaaa	tggcctttta	aattttggng	gnaaaaaatt	tttgntggaa	atgcctttat	720
ttgggccttt	taaaattttg	ggtaaacccc	aattttttta	aaagccttgg	caaattaaaa	780
nnccaaggtt	ttaaacccaa	ccaaaccaan	ttgggcattt	tccatttttt	naatgggttt	840
tccanggggt	tccaaggggg	ggnaaggggt	ttttngnaaa	ggnt		884

<210> 4188

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4188

tgtnnctttt	cnnctcnnc	cgaaatcnct	ttgntttctaa	ctttcctaata	tacctgggct	60
acttgcaacta	tcccttcgat	ncgcatagat	ggccnngtta	ctaanggtga	ntttccagcg	120
cgggggggcac	gtggagtcac	tgggaacattt	gngcaatgct	ggtgggaatg	tcaacccgng	180
cnggcctotg	gaatangcct	ggcnnntcct	gcnagagtta	ccntgtgacc	cagcaattcc	240
actcctagct	ccaccacacag	gantngaaaag	cnaagacgca	nacagatgcc	tgngcnccaa	300
anttcacggc	agcatcctnc	gccatantgg	cancatccgt	cgtnacagcg	gcatcatcct	360
tcatcattac	ggcancatcc	gtcgtaacag	cggctacatc	acttcgccac	agnggcagca	420
tctgtngtca	cagnggcngc	anccttngcc	aaagcggcag	cntccttcgt	catagcggna	480
ncatnctttg	ccatanengc	naggtggaaa	ccctgnccat	ccactgaggc	ntncatanac	540
tanncatggn	cagtcacagg	cactgggaanc	cangccgtng	aacggcgccn	acggtnanna	600
ggaatganac	cntgatgcnc	tggggccana	catactggct	anacanactt	ggagacatca	660
tgtttanttg	nannnccant	cacacttgc	nncggcgtna	tcttgctcac	gtgatnccgac	720
ccgaatgggc	acttcaaatg	ggaanaaggg	ngatggcact	nccggtnncc	tnganagggg	780
n						781

<210> 4189

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 4189

tnnncttccn	nntcnacng	aaancccttg	tattgccctt	tatgcaggat	ccctcgattc	60
gagcagctgc	atctaggggc	ccttggtgag	atttacactc	antnccgtgt	cgcccccgct	120

tagcccagat	tcaaaagggtg	aacatctgtt	tgcagaatct	gattcatgag	aagggtgagtt	180
tattgttttc	agtttagact	tttgggaagt	tggactagag	aggggagttg	ttggggtcag	240
tgctggctta	acagaaaaca	cagcgaattt	cccctccagt	tctccccaag	tccactgaac	300
aaggctagtt	cctgcaccac	ccaggattca	aaggaaagac	gaaggagca	gaacttgtgg	360
cagcaacagg	taaacttcaa	gaaggagggc	aggagcccca	ccctacaggg	cttggganga	420
gcccagaggc	cccctctgtt	tcttcttcca	ggagttgtca	aggcagcaga	aaggagtcac	480
ccagccaaag	gaggaagatg	gcttcaccgg	gctgcaccaa	ggggccaaga	agcccttacc	540
ccgtgtctaa	acccttctct	cacttcccct	taagccttgg	tgaaaagaag	tcaagaaagc	600
cccaaggctt	ccttttttct	tggtttcttn	aacttcaacc	agcttaaaaa	aatgggcttt	660
ccagggtant	tggaaagtca	attgaaantt	tcaanaccat	tggtttgggn	ggttaaaaag	720
ttttcttcct	tnntggttnc	ctggaaaaaa	cctttcaatn	ctttcntttg	ggnngtcttc	780
antggctcnt	caaattcttt	ccccctnta	ttgaacattg	ccaaaaaac	cnancctttt	840
ttttttgnaa	a					851

<210> 4190

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4190

tnnnntctaa	tantttggat	cttgtgtctt	tnnagcagat	cccctcgatt	cgaattcggc	60
acgagcccat	gtcccggccg	ctcgtctgcc	tggctgcggg	gtgacacggg	gcttcgcctt	120
gggaaggggt	cgagggaagc	agtttagacg	ctgccggggc	gaggctgccg	cgccggcacac	180
aatatattt	taattgccc	actaccactg	atgaagatat	attggagtga	ctgctgaaat	240
tgctttttt	tttttaacca	gaggacagtc	catttgtttc	acttcttttt	gctttcttta	300
ctgctatgag	ctttactgaa	cggctgaaaa	acttgaaaa	taaaatggac	atgctgtagt	360
cttgaacata	atttttttta	ggaaaactta	aagtgccaga	gtgaaagcca	gaatggcatc	420
cagagagagg	ctctttgaac	tttggatgct	ttattgtaca	aagaaagatc	cagattacct	480
gaagctgtgg	ttggacactt	ttgtttctag	ctatgaacaa	tttttagacg	ttgactttga	540
aaagctgect	accagggtag	atgatatgcc	tccaggaata	tctctgcttc	ctgataatat	600
tctgcaggtt	ctgaggatcc	acttctacag	tgtgttcaga	aaatggcaga	tgggttagan	660
gaacaacaca	agccttgtca	attttgcttg	caagttcttc	attattcttt	gcaggatatc	720
agtagaaaa	ataaccttgt	t				741

<210> 4191

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 4191

ttggnnctng	ttcttttttg	aggatcccat	cgattcgnac	cgnenggcc	gctgncagg	60
nacaggggct	gtaggccag	ctcanaccac	ttnggagctn	tggctntntt	caaaaacatt	120
gtngactctc	ttaccacac	attcctnngc	tggaggggga	gattgacaaa	ccagcatcat	180
ctctangtta	ctacaaaagc	cctccttggn	aattattctt	aactnancag	ctggtagcga	240
tccattcnga	aaaagagtac	nntagactga	gttncctctg	tgntnaaann	nctgaanagc	300
ctnctaantn	tacctancgn	aaaacctana	nncctttnc	tggcctgcta	ngccctgcgc	360

cctntggccc	atcntntacg	accacctnta	ctactgccnt	tctgttaggc	ctntggggccc	420
aaacctgtnc	ctatnaatcc	agatggcctg	aattanctga	acaatgacan	angatgnnaa	480
aatggcctga	tnctgcctta	gctgatgaca	ttaccttgna	aaancncttc	tcctggctca	540
tcnnggctca	aaagctnncc	anctgagcac	tgggacctaa	acccctgtcn	nccagaggaa	600
nnaccncta	tgactgtaat	tatccatacc	taacccgatc	ctataaanatg	gcccgcctnt	660
tctccnntcg	ctganctttt	cggacnnanc	ccgctgaccc	aagtgaaata	aacagcnnngt	720
tgntcacact						730

<210> 4192

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 4192

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gtngactctc	ttaccacac	attcctnngc	tgggaaggga	gattgacaaa	ccagcatcat	180
ctctangtta	ctacaaaagc	cctcnctggg	aattattctt	aactnancag	ctggtagcga	240
tccattcnga	aaaagagtag	nntagactga	gttncctctg	tgntnaaann	nctgaanage	300
ctnctaantn	tacctancgn	aaaacctana	nncctttnc	tggcctgcta	ngccctgcgc	360
cctntggccc	atcntntacg	accacctnta	ctactgccnt	tctgttaggc	ctntggggccc	420
aaacctgtnc	ctatnaatcc	agatggcctg	aattanctga	acaatgacan	angatgnnaa	480
aatggcctga	tnctgcctta	gctgatgaca	ttaccttgna	aaancncttc	tcctggctca	540
tcnnggctca	aaagctnncc	anctgagcac	tgggacctaa	acccctgtcn	nccagaggaa	600
nnaccncta	tgactgtaat	tatccatacc	taacccgatc	ctataaanatg	gcccgcctnt	660
tctccnntcg	ctganctttt	cggacnnanc	ccgctgaccc	aagtgaaata	aacagcnnngt	720
tgntcacact						730

<210> 4193

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 4193

gtnnncnnttt	ctaatagcctt	ggnnntnncc	ttctaatagt	tggctcttgt	tctttntgca	60
ggnatcccat	cgattcgaa	tgggcacgag	cctagttagt	ctataatcaa	gcaggaaatg	120
tttatggaat	ggaaagatta	aggaaaaggt	atgttcttat	tttagcaata	aaacgaatac	180
cagaagcttt	aacattcacc	agtacaaaata	aatagtttca	atggaatagg	tcgaaagtaa	240
agggacatca	ctagagtaaa	tgctagacct	tccctctcct	tttattttta	gcaacagcaa	300
agcagaaact	aagatctaca	agtgatcaaa	gaggggtgatc	cattcagttt	ctgtgtagac	360
aggaataata	ataatacctt	ttacatattg	gtacagtttg	taaaaacact	ttcacttact	420
catttaaatct	tcatagcaac	ttgatgaggt	agaatactat	aggaagcagt	attagctcag	480
gttggtacgt	aaattactgt	gtttaaattt	caataaaaca	gctatggaat	ccaagacatt	540
cttgggcct	aataaactgt	attctttgcc	aacagtga	gtgcttctct	gttgcttggt	600
aagttttttc	cccttagaat	actaataaag	taattgatta	actttcattt	ttattttgat	660
ttgattggga	cagcaatttt	agcagtaaaa	aatgtcacct	ttataaatcc	tgtgggttct	720

gggtcttggnc aagtttaaatt caacctgacc aggaaggcac gctttaattc ttat

774

<210> 4194
 <211> 771
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 4194
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 ntcgntncca attcggaacg aggtcagatg ttcttggntt acgttgagct ncantgaagt 120
 gagaggggca naggggggctt gggaagtcac aaggtcangg agaggagaag aagcgtgctg 180
 gatgagtcac atagnaggac tcaagccagt aggttcttgg tagcccgntt actgacctgg 240
 agccangcac tgatagcaac gtgtntctctg aggggaaggcn aatggnaaat ccaagcangc 300
 actgggatct gcctgtgaca ctcttgtggg gcctggaccc tcnncctaag ngagcttggg 360
 ccantcagag ccaccccgagg ngcccctncc ttntatctcca ttgtggcang cacaggaaca 420
 ttgtgatacc canaaaatgg actcctgtct tgtgcacagg atgcacctgn gtttntctatc 480
 ttncattcct gaganctntn naggcaggag gacctgantt gaatcctgac tttgccnata 540
 tnaatgacta tgtggctgtg ggtaacttac ttatnctaca tgagactact tgtttcatct 600
 gccggaaaan gtaccatann atctgccttg cctttattga cttnaggata aatcaagtcn 660
 gntantaaag ggaaanntnt gttncacttg aaaaatcaat taatgggttca ttgttccctc 720
 ntttaaaann gaaatacaaaa ngcttcngcc tttagaacnn tnttgagann c 771

<210> 4195
 <211> 744
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 4195
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 gaggatgcat gaattactgc attaaaattg atttatggga attattgttg ttccagtagc 120
 atttcaattc agttgccaaa tagagcagtg ggcaatgtta acggaaacaa ctgcaattgg 180
 cgcagtatgg agtgccctatc gcactaggaa atctgagggt cacaaaagaa aggagatgtg 240
 aggataagaa actttgtttt tcccttgttg ggaactcttt aggcctcggg ttctggtgac 300
 agccccaggg atcatcaggc ccggaggaaa tgtgactatt ggggtggagc ttctggaaca 360
 ctgccccttca caggtgactg tgaaggcgga gctgctcaag acagcatcaa acctcactgt 420
 ctctgtcctg gaagcagaag gagtctttga aaaaggtaag ataaacagca taaagtctta 480
 cccttctgca gtaataactg gaatatgtta ataaggatcat gtgttangta gtatagcaga 540
 gaaaccccaa atttgagta tcttacctaa tatactttta attctcactc atgtaaagtc 600
 ctagatgggtg tcttggatgc tcttccaagt gccagattca gagaccaggt ttcttcccat 660
 tttgnggctc cattatcatc acttggctnc caagactgca ggggaagatc atggatttct 720
 tcatgggana angggaagag gatn 744

<210> 4196
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (763)
 <223> n = A,T,C or G

<400> 4196

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ccaaggattc	tattgccatg	tggtgaggag	taggagcaag	gagatagagc	aggaccaatg	120
ttacaataag	aaccactat	taacccccaa	gaatctgtct	tgtagaggag	ataaatagtt	180
atcatacatg	cgataagtcc	cacaccagca	catgaaaaga	ttagaagaac	aagagaaggg	240
aagaaacct	ctgacctgt	tcagggtggg	atgcttcata	aagaggataa	cagttaagcc	300
actaacagta	atgcctctaa	tcttgaatct	gttacctact	agttttgtgt	ccctgggcag	360
gtaacttcat	gtttccttgc	atcagcttac	ctttaaaatg	agaataatga	taattatcta	420
acagggtcct	tactgaggat	tctgtgagat	aatgcatgga	aagagcttaa	gtccatgccc	480
aggaaatact	aagtgtctaa	agtaaagcat	ttttttttcc	ttttttatta	cctagtccca	540
caagagcaat	ttttttatat	caagattagc	tttaaatcca	gaaggaaagg	gaatacttga	600
atggctcatt	gccagtaacc	ttatattgat	gccatgtttt	gactttgaga	cattttttgg	660
agtctttttn	aatggnaata	caggtttctg	gtggaaacca	cccttggtgt	caaaaagttt	720
cnntgacctt	gtgtgtgtgt	ggnnggtggg	acacatgtgt	cct		763

<210> 4197
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (774)
 <223> n = A,T,C or G

<400> 4197

ntntttnnnn	nnctnnttgg	aaaccttna	aggaaanacn	tggcccttcg	caactncagg	60
ancccatcga	ttcgaattcg	gcacgaggag	gcaggcaggg	cnntttgggtc	ccttggtcag	120
ctgttatggg	gcttaggcca	tgtcagtgct	tggggacagg	agttttgccc	aacgcagtgt	180
cataaactgg	gttcatgggc	ttaccattg	ggtgtgcgct	cactgcttgg	gaagtgcagg	240
gggtcctggg	cacattgcca	gctgggtgct	gagcatngan	tactgatct	cctgtgatgg	300
ggccaatgag	tcaattgaat	tcatgggcca	aacaggcccc	atcctcttca	tgacagctgn	360
gagctcctta	ctgtgggaga	gctgcaggga	gccaaggagg	gctgcctgac	acacttgccg	420
ctctcgtgtg	aatccaagaa	actgcnttnc	tcaaaggggc	cctggtngtc	accttctncc	480
acagccattt	ccaccatcg	nntgtctaga	atctctttca	ttagcacatt	ccaacccctc	540
tgacactnng	tttaaaaatg	agctccctgg	ctcantgggg	ccttntagaa	tctggaacca	600
gacggaggtg	gaagttaaga	agataggaca	gaacaagcag	gcccagaagng	ctatgggttc	660
actggggana	gaccattaat	tctncagatg	cttttactcc	tgatggcttt	taccattat	720
tcttttcngt	tttaagagac	atgggctnac	tcttgnaacc	aagctgggaa	tgct	774

<210> 4198
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (774)
 <223> n = A,T,C or G

<400> 4198

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ancccatcga ttcgaattcg gcacgaggag gcaggcaggg cntttgggtc ccttggttcag      120
ctgttatagg gcttaggcca tgctcagtgc tggggacagg agttttgccc aacgcagtgt      180
cataaactgg gttcatgggc ttaccattg ggtgtgcgct cactgcttgg gaagtgcagg      240
gggtcctggg cacattgcca gctgggtgct gagcatngan tcaactgatct cttgtgatgg      300
ggccaatgag tcaattgaat tcatgggcca aacagggtccc atcctcttca tgacagctgn      360
gagctcetta ctgtgggaga gctgcaggga gccaaggagg gctgcctgac acacttgccg      420
ctctcgtgtg aatccaagaa actgcnttnc tcaaaggggc cctggtngtc acctctncc      480
acagccattt ccacccatcg nntgtctaga atctctttca ttagcacatt ccaacccctc      540
tgacactnng tttaaaaatg agctccctgg ctcantgggg ccttntagaa tctggaacca      600
gacggaggtg gaagttaaga agataggaca gaacaagcag gcccaaagng ctatgggttc      660
actggggana gaccattaat tctncagatg cttttactcc tgatggcttt taccattat      720
tcttttcngt ttaagagac atgggctnac tcttgnaacc aagctgggaa tgct      774

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<210> 4199

<211> 1068

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1068)

<223> n = A,T,C or G

<400> 4199

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cccataaggg agatgctgag tagacaactg gggctttttt ggtctggagt tcagaggaga      120
gatcggaagg gtgtccattt ggagtcaccc acgcagagat gtgtgaaggc tgctcaatga      180
ttttgagggt taaagaaaaa aagagatgtg aaaccagggg cctgatgag gctgcccagg      240
tggttaaggaa gacagaagag aagccatggg acagctgagc ccgggcaccc tcaagccttg      300
gaggcatgaa gnttgggtgg gatctgncnn naaacacctg nnanctgtca gngggccanc      360
anaccctnta gtntcacnga nnnntnncnn nangcaaat ggncntntna anatctcngn      420
ttatntacce ntngnagtca ngnnngacta cntnanaaca tncnratatg naaanntatt      480
tcgngcact cngnctttaa ccanntctgt nctttnctct gggtagatgn tcggnnatnt      540
tctnnggaaa anattaattg gctntttntt nnanctmngn ngaactgtaa anttnnacc      600
ttnacannn aanntttntc ctenggggct ncttncaatn nactaatan ggnacagann      660
nannctnanc anatnannaa acccttannt atannacnnc nnnannaaan anttannngn      720
nntntacncc cananctntc tncnnaaaaa tnggnncct tcnttcnna aaanctcat      780
nnntnantnt atanannggc ncatttnact cttnccctat aanantcnn ngnnntcccc      840
annaaatctg gggnaacaan ctttgnnttc aaannannnc tctnctnnnc nctcacanac      900
gncantntnt ncaanngnnc acttacnna antntntcta ntatatctnn cnnngntcnn      960
nmatntnngn cntntctna ancnttttta tttnnanana nnaacnttan anccctatn      1020
ncttnttcta naagcancnc naacaanttn tccnngncnt cctnnncc      1068

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<210> 4200

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4200

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tnnnntnnnn nnnctcttca aatccttgtt ctgcctttct gcaggatccc tcgattcgaa      60

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ttcggcacga	ggctgtcggg	cctcagcaga	gctgcctacn	cacctgagct	ccgattcatg	120
tactacgtcg	atggcagggg	ccctgatggt	ggctttcgtc	aagtcaaaga	agctgtcatg	180
cgttatctgc	agacactcag	ttgacacttg	ttatatcatg	ggaccccggg	aattggagtg	240
aagctagaaa	cagaaaaccc	atgcagggcc	tcggtattccc	acaaatgtga	caagagggtat	300
agggagttag	tcgcagcgct	ttgctcgtga	ccctggggtc	agagcaccga	tcaggcttcc	360
attactgtgg	gtcccttaag	aagaccatgg	agagcttggg	gactccccc	ggaaggccgt	420
gaagctgggg	attcccccta	ggaaagccat	gaggaactgg	ggactcccca	agaaggccat	480
gaggaagcca	gaaattggag	gtggtaggaa	gtggtactga	tcaatgatgg	ccagcaggac	540
tcattctctg	cctaactgga	caggaagcct	gcacccactt	ctgtcttncc	ctggaactgg	600
gcaactggcg	acactgggtat	ccctcctaaa	gaagtgactc	acctgactga	tcagcaagaa	660
gcctanatgc	aggcctacca	tggatggctt	cctagttgcc	tggggaaaacc	ctggaatggc	720
atcaggagaa	agcaccagga	atccagtcct	tcnct			755

<210> 4201
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (766)
 <223> n = A,T,C or G

<400> 4201						
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ccttaggctt	tttttttgta	gggtgagagt	gggggagaga	tctcttgctc	tggtgcccag	120
gctgggtctc	agctcctggc	ctccggcagt	cctccacact	cagcctccca	gagtactagg	180
attatgggca	tgagccacca	cacctagcca	ggctttttat	attgagttgg	ttatatatgc	240
ttcatagcca	cactttataa	tattggagta	tagtattaaa	ttacagcttg	ttgtcaagtc	300
agtgtttctg	taagacagta	tatccaatat	tggttagagt	aacacctatt	tggtgataca	360
gatcaacagg	gtgtctctga	ttaatttagc	tctacatag	ccagaagcaa	gttcattatg	420
attagaata	ttgtacatgg	ttatgcagga	atcatcccaa	cctatctgtg	ttatataggc	480
agatgatgtt	cagtttatat	ctgctgatat	tgtatatgca	ggaaaaccta	taaaaccact	540
tcagacttgt	taaaacagtg	agaaagccgt	gattgaaata	ttaatacaac	ccgtgtggta	600
taaatttcat	ttacantggg	aatgtaaatg	ctgtcatttg	aatcttgnca	aagcctgcta	660
ctaaaactct	taaaancctt	gctaggggaa	taagtcttta	ntnccaaaaa	caatatanan	720
ggggatgtgn	gtggataata	caaggacaac	catatgttgg	tggcnt		766

<210> 4202
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (791)
 <223> n = A,T,C or G

<400> 4202						
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cacatccttg	acgtggcact	gtgtcttcag	gggtgctgcc	ctcttacaga	gagacagatc	180
tggaggccat	ggcgtttttg	gtgagaaatg	ccagaaacag	cttcagtttc	cacctactgc	240
ttcatattta	taatcacagt	aatctatttc	tcgnttngct	atttctagag	caacaaattg	300
tgtgatgcga	aattagtacc	agaggaaaca	tgactccact	taacaaaaaa	atagcaaggg	360
aactatgaaa	aatggcacia	ctgcttaact	ttaatagttg	aagtctttag	gagacttcag	420

tagttgaaat	gacacagaaa	aatcctcaaa	ctaacatacc	tacatgaaac	tgagttttctc	480
aaagtaaccc	acattttatgg	aaatagaagt	ttgnnttgca	gaaacatcag	cncatttttgt	540
aaggngtatg	tgatatttaa	anttgtgatg	cttngngaata	aggggaatggg	gctntaggtc	600
tgaggaaagg	ggagcattca	ttcaaactgg	gaggggggttt	tgcatTTTTA	aggctgctat	660
aagggcacga	acttggngga	gacttggacc	ngntttccgn	atgnatnggg	gacntctgg	720
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<210> 4203

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (844)

<223> n = A,T,C or G

<400> 4203

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ggatcaacag	aaggcatata	tggggagtgt	ctggatggct	ggaaaattcc	attttttgac	180
caagatgtgg	taaacacggg	gagtaaagt	ataatttttt	ctcttactgt	gcttttaggt	240
tttgttgctt	tctgtctgta	tgctgtgttc	cacaataata	aaaatattta	aaaggcaaaa	300
aaaagtaaaa	taatgaatat	aaaattacac	tgaaactaca	tattctcata	gatagaattg	360
taattattag	agtttttgct	gaataaagtc	aaatagacta	ttatagtagt	tataaacgca	420
agttaaaatt	ttagggccgg	gcaaagtggc	tcacgcctgt	aatcccagca	ctttgggtgg	480
ctgaggcggg	tggatcacct	gaggtcaang	tgttcangac	cagcctggcc	aacatgggtga	540
aagcncntat	ctactagaaa	atntaaaaaa	tttncctggg	ttttggnggn	ggggctcctt	600
taatcccaaa	ttactnnggg	gaggggtttg	ggcaangaaa	aaatttnttt	caaaccttgg	660
gnagccccc	ggttttntan	ngggcccttn	naaatttttn	ccaattnccc	ctttcaagcn	720
tnngggggaa	caaataatta	aaaacnccnc	tttttcaaan	ttngaaaaaa	aaaaaaaaaa	780
naaaaatttg	gnnccttttt	aaattttngg	ggggggggaa	ttttnnngaa	aaccccccaa	840
tnnt						844

<210> 4204

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (777)

<223> n = A,T,C or G

<400> 4204

aaaacnacag	gctactngtt	ctttttgcag	ggatcccatc	gattcgaatt	cggcacgagg	60
aaagttgaaa	tcctagtctc	tggagtctct	tgtgatggca	aattctgect	tccttgtttc	120
ttcttttttt	ctcctctgtt	ttcccatttt	agtagttcaa	atgggttttg	tattattgaa	180
gacaggtatg	tctcaaattc	atggaaactca	caaaaaaggc	tcattttcta	tcctcaagga	240
gctttacatc	taatggaaaa	cacacagtga	agtccagaag	gactcactgt	ggactggtag	300
caccatgagg	gctttccatg	aagaaggact	taagccagac	ttagcagggt	gggcagggtg	360
tgaaaggagc	tcatagattg	ttccaagtta	ggagagcatc	ataaaaagag	atggaaattt	420
acttgetaca	gttttagatt	tgctctgtct	atagcagaga	gtccatttca	gagcatatag	480
ggattgtcag	gacttaaaac	ctgctgtatt	tcttacttaa	gcacccctct	ccccagaatg	540
ataagagccc	ancctttgggc	cttgggaatgg	gagtagaatg	tggttatact	gtctatcata	600

tganaaaatt	gentngaacc	aacccccccn	cncncncaa	tgccctgcatg	tnaaactggn	660
gaacactggg	taatatanat	ggattattat	caatgtcaac	ttcctggact	ggngaatttg	720
gcctataggt	ttnccaaaat	gtccccctga	anaaaaaggt	ttttgggggc	ttntttt	777

<210> 4205
 <211> 828
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (828)
 <223> n = A,T,C or G

<400> 4205						
nnnnntttnt	ttaagaccag	ctcttgttct	ttntgcagga	tcccatcgat	togaattcgg	60
cacgagagaa	gctccaactg	cacttttcta	ttcacaacta	cgggtgcga	taaggcagtg	120
agggttatta	tgataccctt	tttcacaggt	aaggaaacaa	ggctcanana	ggttcaacaa	180
cagagtcata	attctctctg	ttggagaatt	cattttgnta	catttcattc	ccaccatctg	240
cagtaaggga	gaccatttaa	aataactat	cctgattttt	aaagagaagg	taacattaag	300
gccnnnaggt	tngggatntn	nccaanttca	ctntgggctt	ctggactccc	atgcccacaa	360
gcctgcatga	tgcanagtg	tccctcaaga	gcctagtgn	tgattctttt	ttngtgccan	420
ganacagact	gtggacctg	agaggggtng	ggggctggag	aantagagga	ggtgganttt	480
ctacaacagg	ggntattgng	ggggtantaa	gaccaatgac	tacataaggg	cctnctgttg	540
gtcttnc	agaaaaatgc	gtctttagcc	ttttaacgan	tgengtttnc	ctccattana	600
taaccagttt	taagccacng	gtgttgngnt	gggcaccatt	ccannngctt	tngggcncat	660
ggtnttntaa	accnaagtcc	ccctcnatca	anngttntt	taannanggg	ngcctttgan	720
ntnttttttc	tttctctcag	nnngaangga	acntgttngg	gctnnntntg	cctttttggn	780
naaaaaaatt	tttttttnc	gggttcnna	aaaancttng	ntnnnttn		828

<210> 4206
 <211> 834
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (834)
 <223> n = A,T,C or G

<400> 4206						
tncaatncng	gctctngttc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgagcgg	60
acctctagtg	cctgatgttc	actttcttca	ggctcctcaat	ttcctacatt	taagctgttc	120
ggttaaactt	ttccatattc	agcttgagat	caacctcctt	tacataactg	attatttttg	180
ccttgaggag	aaaagatgac	gctaaacaca	gcacacatgt	gtttattata	tggtggtaat	240
gtggaattca	aagatgaaag	agacgtgagc	tgcatcacta	aaaaagaaac	atattacata	300
aatgcaatgc	tgatatcata	gataataaaa	ttaacactaa	ttttttgata	ttatcaatta	360
tgacgtccat	aatcagattt	gttttgtgct	tagaaatgac	tttttacagt	tggtttgttc	420
aaatccagat	cagataagtt	tcacacatta	aatctgttta	aaaaccaatt	tttaaaacag	480
acgactgtta	aagggccaca	tggggaagct	ttatggaatc	ttccaacaat	ttgtttgtcc	540
cagctacttg	ggaggctgag	gcaggaggat	cccttgagcc	caggagtcca	agactgggca	600
acacaaagaa	accccatctt	ttggctgggt	gcgggtggctc	acacctgtaa	tcccagcact	660
ttgggagccc	gaagcaggcg	gatcatgagg	tcaggagtca	agaccagctt	ggccaacgtg	720
gtgaaacccc	gtnttctacta	aaaattcaaa	aattagctgg	ncatggtggc	gtgctgtctgt	780
aattccagc	ttcttgaaa	ggttgaggcn	naanaatctc	ttgaaatcca	gnat	834

<210> 4207
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 4207

ctaactnctng	gctactngtt	ctttttgacg	gatccctcga	ttcgaattcg	gcacgaggac	60
acccagttta	agggacattc	tgtacgggtg	ctgaatggcg	ctcctgaaaa	ctgtgcaggt	120
cctcaaggct	gaggaaaagc	taaactgtcc	cagaccaggg	aggccaagga	ggcgcgatga	180
ctcaatgtca	tgtgggtgcc	tggatgggat	ccagggacgg	gaaaaggaca	cttgggaaaa	240
actggtgaag	ttcacgc aaa	gtgtccgggt	tagttcagca	tcagagacca	atgatgggtt	300
cttgggtgtg	acnaaaatgt	tccatgggtc	gaaagggtgc	aacaccaagg	gaagctgggt	360
nagagggtta	ccagaatcct	ctctactgtc	ttttcagctt	ttcggtaaat	ccaaaagtac	420
tttcaaatga	aaagtttaat	ttaaaaatga	gaagccacct	cccccacgag	atcatgaagc	480
tccatgaagg	ccaaggccat	gttaatgcc	aatgcatgtt	ggttgaattc	actcgtgttt	540
ggatgaattt	actgatgttg	gttgaattta	ctgatgttgg	ttcaatttta	ctggatgttg	600
ggtgaaatca	tttcatgttg	gttggaattc	acttattact	gnggttctta	ccatcttngt	660
tgcagccctc	ttcattcttt	ttttctnaat	ggncaaaaca	ataantnggn	tgtanttaca	720
tattttattg	gngtntaaat	gngggataat	ttaatatntt	gtttttaaat	gngggnatna	780
at						782

<210> 4208
 <211> 882
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(882)
 <223> n = A,T,C or G

<400> 4208

atnnnnnnntt	tctaatacnn	ggctactngt	tctttntgca	ggatcccatc	gattcgaatt	60
cggcacgagc	aaataagtta	aatgtatatg	gcattgggatt	ggaattggag	gtatcagtg	120
gaactcatgg	ttttgggttt	tttgtttttt	gccttttttg	ttttgttttt	gttttttgag	180
gcaggggtgc	actctgttgc	ccaggctgga	ngaaatactc	annaacgana	cnctatngtg	240
tatcanaagc	tgctacgcnt	ntcatggntt	tggtanngan	cnacacagat	agtcntnttg	300
tattcancga	cttannctan	anagagacag	natgggaatt	aantgttaan	gtgctagcca	360
acaagtaaag	attcncataa	aacaanggtg	atatncccag	tcatcaaagt	gataaaattt	420
ccctgctaac	tttagattaa	aaagtanttt	ttangccann	ttgtgngngg	ctcacacctt	480
tttntccctn	cactttttng	caggcntnan	ggttngacna	natccccctt	nacnnttcan	540
gaantnttct	nnnaccctcc	ccttgggcna	nncantggnt	cgnaaaacccc	ccatcntttt	600
tccncaaaaa	aattcccaaa	ntttcgngc	cacccggntt	ngnnntnccg	tggtancnt	660
gattnttttt	ncncttccan	ccggnnnngn	cncnacngcc	ananaaaaaa	ccttcnttnt	720
ancnctngnn	gaggecnenn	gtttcncnat	ngnncccnna	aaattggggg	cttttagnan	780
ctcnttacct	ctngccnnnc	nganttnaan	cnattctttt	aaataaaaaa	accctcctta	840
ancttattat	ngagtccgta	tttncntanc	aaccntacn	tc		882

<210> 4209
 <211> 881
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (881)

<223> n = A,T,C or G

<400> 4209

```

nngnntnntn ntttctaacg ttggetctcg ttcttttttgc aggatcccat cgattcgaat      60
tcggcacgag agaaagattt tctttattaa tgaccccaac cgtatttctt tagatacagg      120
agttttgaac tcaaatactt aggagaaaac aagttatgac tgcattatcc tgcaactcat      180
taccagtaat atattgcaaa gcgaaacagc ttggaaaaga ggggtgggaga aaagggaagt      240
gagggagggg agataaagaa aaggaattaa gttgatcaag tgggaattctt tttttttttt      300
taattcttgg gaactatgaa gtcttttgcaa gcacagctcg tttctgcaga ttattttcca      360
aacgtgtaca aaatggaacc aaaacggaga atcccttaag aacctgaaga ggcgcaacat      420
taaaagctac gattatccag tagcaagtgt tccagccttc agttgccagc cgcttccctc      480
tcttattccc aagattagcg ggatgaaaac gtcttccccg tgattgtttt catttctttt      540
ttctcggcat ctgggcgtgc gcggttcagc accttgagga agtcagacgt tttcgcgcgc      600
atcgtgtgtg aatataggcc ttagagcact tgatgtggta gtgcaggtag tcccggaaacg      660
tgtggatcag gttgatgggt tttgtctcga gcncncnnnn tnnntnntnn nntnnnnntn      720
nnnnnnntnn nctnnntnnn ntnnnnnct tncctnnctc tnnctnnct cnetnctnnn      780
tctnnnnnn nntnntttct nnnnnntttt ntnnnctctn nnnnnnnen ntntcnnnnn      840
nnnnntnnnn nncctttttn nncnntnnnn ncnctenncc t                        881

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<210> 4210

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 4210

```

ggnnnnnnnt nnnttttaag atcagctatt gttctttttg caggatccca tcgattcgaa      60
ttcggcacga gatcacatct ctcaagtttt aaaatgggtt tttttgttgt tgttgatggg      120
ggggagaggg tccagcagct tttaaatgtt ttcacatcgt gtgttccaaa aataactggt      180
tagcctaagt cacttccacc ctccaatgtt gtgaatgcag tctctagcat tcgctattta      240
atgtcttctt cctgcactat ttgagaaatc gcgaggctga cttaataacc cagtcgccac      300
ttmcggacc ggagggcgga gtctgcttag ttctgaggac tgcgtgggtc cgcgcagaga      360
gtcctgcta ggctgcgcg tcccgttcta aattcttacc ctttagttct tgtcaccacc      420
cccgcgtgg gaacggcctg acagtcactc gtcaaaggaa gtggctgccg gcagctcttg      480
acccggaatc ggatcctagt cccacccctc ncnccaggc tttcttctgc aacaggcgtg      540
ggtcacgctc tcgctcggtc tttctgccgc catcttggtt ccccgttccc ttgcacaaaa      600
tgcccgnga aaccacagaa acccgctcct gctacagagc angagttgcc gancccccagc      660
tgagacaggg tctggacaaa atctgacant gatgaatcnt cccagagctt gaagaacagg      720
atttcacca gcaccacaca acaagcccag ctggcggcag cagcttgaag tcnatgaaga      780
ccatc                                                                785

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<210> 4211

<211> 839

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (839)
 <223> n = A,T,C or G

<400> 4211
 tngnctnnnt tgttanatct ngntttteta atncttggcn atcgnantnt ntgcaggacc 60
 catcgattcg aattcggcac gagecgacta cttgtgcagt ttgccctgct gagecctcct 120
 cgccccggga ggcagaaggg gaggggtcct cagcaatatg ctgagcacct cctaaacaac 180
 atcacctgaa aaangaacct agangaganc cattctcaaa tctgatcctg gactgagctc 240
 gagagctggg ttgagagctg ggttgatcaa agttgggatt ttgctattat tgtgacaaag 300
 ggtccagcct tgcagtccan atcctgaaag gcctgggaca aggccaggta atttggggag 360
 tccttcctgc atttgtgcag gatgttcagc ggcatccctg gccacccact atgatgcccg 420
 cagcaaacc ctcagttggg acatttataa atgtctccag acnttaccac atgggacagc 480
 attgnacca tttganaagc accggttgag agcaaataca caaatntnta aaatgggaga 540
 tttgggccgt ggnngngcaa gcctgtagtc caatntcntn ggaggccaag gctgggagga 600
 tcnttttnc cccaggaggt anctttccgg nngggcgaat aactgcacca ntgaactncc 660
 atattgaatt gaacagaanc ccangacnct ttnttttttt aaaaaaaaaat atntntntaa 720
 naaaaanaaa cttngnnnncn ttnttaaaaa nttttatnng gangtnggtn ttaccgttga 780
 anccccnncn ttgaaaaana aancatttgg ttttaagnttt ggcccnnaac ccacancnt 839

<210> 4212
 <211> 794
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (794)
 <223> n = A,T,C or G

<400> 4212
 ggnnnnnngg nnnnttcnat nnnagctctn gttctttttg caggatccca tcgattcgaa 60
 ttcggcacga gagtttataa atacttcttt gtaaaagtta ttgcacaaag aaaagacatg 120
 aatgtgtccc tgttatgtac tcacaaggat aatgatgggg ttgttgcctc ttaatactgt 180
 ttcttgtgca ataactttta caaagaagta tttttaaact gatcattaat tttatgacca 240
 cagaaatgag atgcaaaatt tatgtatttg tcagtggcac aggetcacag caccactgac 300
 attttgtgtg attgtaatag aatggctgcc aactaatgat tctgtagaca tttcatttga 360
 gtgtgctttt ctttagatgt gtgattagct gtaatgcttt cacttatgtc tgtaaattat 420
 attggatatg tttacctgat gcctattgtt gatttggagt tcagttttgt attacataaa 480
 tgcaagttga actttttttt ttttaatttat agaagtcttt gcagggtataa ctacaaatac 540
 tcagcccttg gggaggaaaa atgctttgca ctactcaaca gtaacccttg cgttcagtta 600
 aaactcctta taagacagca gcttttactc tttattgggt cgaaaaaaaa aatanggggg 660
 agggaaangg gatggaccat cctgggacaa tggttaagaat gaagaanacc atcttgga 720
 aatgaggngt ccttccctta atgcaagggt aaaaaggggc tnnctcttna tatatagcaa 780
 tatagaatct ttgg 794

<210> 4213
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (775)
 <223> n = A,T,C or G

<400> 4213

nnttaaganc	agctcttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagca	60
gagaggcagg	gataccagat	atgggggaaat	ctgtaattac	atgcaggcat	taaatattta	120
aatatatatt	ttcttctttt	aattgtggta	aaacacatat	aacataaaat	ttatcgtctt	180
aaccattttt	aagtgtactg	ttttgtagtg	ctgagtgtat	tacattatta	tacaaccaat	240
ttccagcacc	ttttcatctt	gcaaaactaa	aactctttac	ctattaaaca	actactccct	300
gtttctccct	cctcccagtc	catgagaagc	accattttac	tatcttttct	gtgagtgtga	360
ctctacaaac	ctcatgtaag	tggaattatg	caatatgttg	acaaaccaa	ttctgtacaa	420
tatttaaaga	ggtttagtct	gagccaaata	tgagcaacca	tggcctagga	cacagtctca	480
agaggtcctg	agaatatgtg	atgtgcctta	ggtagtcagg	tcacagcttg	gttttgtcat	540
tttagggaga	cagaagttac	agacaaagac	atacatcaat	acccgtaagg	cacatgttgg	600
ttaagcctgt	ggaaagatag	gacatcttga	aaccaggcca	tcacatgtca	cangtggatt	660
caaagatttc	tgattgggtg	aaaatctttg	gttgggtgna	agaagttaag	ctttgnctaa	720
aggcttgga	gtcanggaga	aacaattgct	ttgagttaaa	ggtaangggg	gtgng	775

<210> 4214

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 4214

tnnnntttcn	aatactngct	atttgaactt	tatgcaggat	cccatcgatt	cgcaaaccgg	60
anatgggttn	tttttcgngg	ggnggggang	gaacanattt	gcattaacaa	ctactgngaa	120
ttntccatnc	aangataatc	tcncatgtcn	aananceent	ttnttaaant	nngaattggg	180
ttgggcttat	cagaatannt	ntttattaga	ggcttttttn	caaanttcac	nggttncacc	240
tgnaancccc	cataatnntn	tttttaannc	gctgntctan	ggatgagccc	canttanttn	300
ntgcaagnng	ggnanacnnc	nntgtgtnan	tncanatnnt	ntgctngaac	cngnncactn	360
nttcataact	agctngancc	catttcccg	gnacttcggn	cgntnnannt	tnttangeccg	420
gccnnaacca	atgantaggt	gaaaaggacc	cncatgtnac	ccccaaangna	tanacccccat	480
atttccatga	antannacct	tnttctgtng	ggatgcccc	tcttagaanc	tntgggncat	540
gnngagnnga	agccctgagc	atttntntna	acatgcctac	ttactnncnc	aanttgcnag	600
ggantgtgnc	ngtgccantc	catgaatggg	gtanggcgca	gatccncgca	aacagcccan	660
ttgntaccca	tgagatatgg	aatnttctcn	ncatgggcaa	antaatggcc	natttncaaa	720
nttgnggaca	aantgaaagg	acttgtgttg	ctnggcnnna	aaanagggng	gggggtgggg	780
natttttaan	aatcctt					797

<210> 4215

<211> 846

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(846)

<223> n = A,T,C or G

<400> 4215

ggnnnnnnng	nnnggttcna	atgcttggea	atcgntntnt	nggggncncn	tcgagacgct	60
ggctccttta	tcagatatta	ctggatcacc	acctgtgnag	gctntntgtt	taatgatnnn	120
nancatttga	atggcaacag	ntgcgnatgn	atcctgccta	naancacncn	tactcgntan	180
nnannttgg	gtgtgcntgc	ntctantnnn	cnanatcctg	tgcacacacc	ggaatttnan	240

tagaancagt	acagnnnctt	angcagnata	aaccatcctg	nggnnanana	tgacacnctg	300
cnngacntat	tnnnnnncna	nnntnatggt	gntgggncn	gnaaaggnet	tgaaacangt	360
cgatgmnch	tnacanggca	ccngccta	atgctactgt	gtnaacncag	gnnatgagct	420
gcagcmttg	ctnncttact	antgctcact	gggtgtgaag	gacctgcttg	tgaggttnt	480
gttngccttt	tnctggactn	annntaancc	ntacnaang	ccngcattgt	tcattaccan	540
tngccttntg	aantntnana	gnagatgnca	ttgggacnaa	tnggacagtn	taaanganna	600
ccgcttngat	ggagnggacn	ngaategttt	cttacntcan	ggggccactt	tattaanatg	660
ggngaacttn	ncacntnnng	ctcttangen	cttccaaggt	naccttnggg	nncnntggg	720
gaatttaaac	aantncacaa	nggtggtctg	aaaatcttcn	nnggggactt	aattnaaaga	780
aattnatctg	gggttttccn	gggggttcac	ccangangtn	ttnaactttc	ncannccna	840
ntttnt						846

<210> 4216

<211> 860

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (860)

<223> n = A,T,C or G

<400> 4216

gngnnnnnnn	tttgnacnt	tgctaagtct	ggctactcgt	tctttntgca	ggcatcccat	60
cgattcgaat	ttcggcacga	ggttgtagca	ataaagtttg	caacctacag	caatagccag	120
tcaataaagg	aaatgatgct	gatgtagcat	ttatgagcct	taaaaaaca	acaaaaaac	180
ttaagatggt	aaattttatt	caaggattct	ttttttttgt	tgtacatgaa	tggtcatatc	240
agggtttatt	gtaatagcca	aaacagtata	cacctgaatg	cccaccaaca	agtgactaga	300
taagcaaaag	acggtagatg	gatatgatgg	actacctcag	agcaataaaa	aagaatggac	360
tattgataca	tgctacaaca	tggtatgattc	tcaaaggaat	gacgttgagt	tcagaaagca	420
agacaaaaaa	gtacattcta	tatgattcca	ttaatataaa	ggaatatatt	atattcaagg	480
aatagtatat	aaatataaag	gaatattttta	tattcaagga	atataaatga	atataaatga	540
tataaagcag	atcagtgatt	gccaggagat	gaggtggaga	agtagagagg	ggaggaaaaga	600
agggattact	aaaggacatg	aagaaacttt	tggggataat	gtttatgttc	actattttga	660
ttgggctgat	ggttttacat	atgtatacat	atatcaaaat	gtatcaatct	ttatactatt	720
aaatatgtgc	agttttggtg	taagtcaatt	atacctcaat	gaaacctcat	taaaaattac	780
catattttgg	gggatctaaa	aaaaaaagnc	ttntagaact	tanntgagtc	gtnttcgtn	840
gattccagac	attgataant					860

<210> 4217

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (714)

<223> n = A,T,C or G

<400> 4217

gnnnnnttgn	tcnaaagccn	ggnaaaggaa	ctcttgnaac	ncccnngca	ggatcccatc	60
gattcgggtt	tgcccttttt	tagcctccca	gagcttcgag	gactcaattt	taaccgaaa	120
tcctgccng	ggggaggggt	tgctgagaga	cctgggccc	gggaggttct	cctgcgtcac	180
ttctgtctct	gaaaggcgcc	cttctgtgtt	tctgtggctc	caattttcta	tcagcccca	240
cacctcttgt	tgttttgatc	ctgagaaata	aaaggagggc	tgaattattc	aaatttaaat	300
gaggtttccc	cttcatggaa	gtgctgctga	cccttcgtgc	agaaatgggg	agcacttgag	360

gacacaggtg	ggtggaggcc	ctttgtgcgt	ggctggtcgt	attcgggcag	ccctccgtcg	420
ctttttataa	aacttttngt	gagaagaata	tattgataat	gtcagtgaag	caagcagaca	480
ttgaaatgga	ggcacagatt	actccacaag	gagttcttct	gtatattttt	tctagatgca	540
aatccnttta	atatgnaatt	aatgtaagnt	ttctagctta	tatcgaactg	ggngngggcac	600
gggggacact	gtactggata	agntgggcan	acatccctgag	nncgaatgcc	tgaccacgga	660
aaatatanaa	tttattgctt	taaaaaaaaa	aaccacctna	cangggcgna	cnac	714

<210> 4218

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(849)

<223> n = A,T,C or G

<400> 4218

gnnnnnnnnnt	tttnnaacttg	caatcgctgg	ctactngttc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgagaaa	ggctagctat	attagctggg	gttcccccca	aaagcaacat	120
tggagaagga	ctcatgggca	gatactttct	tctggaaaat	gatcccgtag	gatatgggta	180
gaaaaagaaa	ttgggaccag	aaagaatgaa	acaggaaaaga	aagaaagcct	attgaaggat	240
ataaaatttc	tgtaaacaac	tggagcttag	tcccaactgag	gccccctgag	gaactgcgca	300
gaatgtaaga	cagaggagga	aatattttagc	caccagttcc	tatctcccat	tggccaactt	360
gatgctgagt	tcaggagtgg	tggctcacac	ctgtaatctc	agcatttttg	gaggccaagg	420
tgggtggatc	gcttgagcct	cagagttcaa	ggccagccta	agcaacatag	caagacccca	480
tctctacaaa	agaaaaattt	aaaaattggc	tatggaagta	tgaagggtata	tgcttgtagt	540
tccagttact	caagaggctg	aagcaggagg	attgcatgaa	cccctgaact	caagactgca	600
gtgaactata	actgaacgat	ggcactgcag	cctgagcaac	agagcaaaaac	tcttgtctca	660
aaaaaaaaaa	aaaaaaaaactc	gaggcctcta	gaactatagt	gagtcgtatt	acgtagatcc	720
agacatgata	agatccattg	atgagtttgg	acaaaccaca	actngaattgc	agtgaaaaaa	780
atgctttatt	tgngaaattt	gnngatgcta	ttgctttatt	tngtaancnt	ttttaagctg	840
caattaaac						849

<210> 4219

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 4219

gnnnnnnnntrn	naaancagct	ctngtttnna	aaanantgct	acttgttctt	tttgcaggat	60
cccacgatt	cgaattcggc	acgagaacaa	ctccctacgt	cctgtgtggg	gccctgccca	120
agtggatgag	gcattccttg	aggagtatca	ttttccctga	caatccccat	cacctttagg	180
ggttccctgc	ttggctcctt	tccagctgaa	aaactagacc	tgtgccattg	gggaagctgg	240
acaaagtcta	gggggcccgc	ctggtagagg	gtcccgaggaa	gctggatctg	tcagcctcgg	300
ccctgaggcc	cctgttaact	caagactgtg	agctgcctct	aggtgggtcac	gtctgggagc	360
tagcttgat	ggcttctgac	cagtatcagg	atttctgttc	tgagagcagc	gtgggcagcc	420
tctagaacta	tagtgagtcg	tattacgtag	atccagacat	gataagatac	attgatgagt	480
ttggacaaac	cacaactaga	atgcagtga	aaaaatgctt	tattttgtgaa	atttgtgatg	540
ctattgcttt	atttgtaacc	attataagct	gcaataaaca	agttaacaac	aacaattgca	600
ttcattttat	gtttcagggt	cagggggagg	tgtggggangg	ttttttaatt	cgcgggccgc	660


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ggcgccaatg cattgggccc ggtacccaac ttttgttncc nttaatgagg ggttaattgc 720
ccccctgggg gaaaanatgg gcatagnntg tttccttggg ggaaaatggt attcccttca 780
cnaattccac acac 794

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<210> 4220
<211> 825
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(825)
<223> n = A,T,C or G

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<400> 4220
atanagctat tgttcttttt gcaggatccc atcgattcgc gcccttgcac gatggcagcc 60
gcactcctgc ccagagtggg gcctggggacc ccaacaaccc caacacgccg tcacgggtcaa 120
cccacaatac aaccgcgaga cgccaggggac gccgggcatg tacaacacag accagttctc 180
tccttatgct gcccctctcc cacaagggtc ctaccagccc agccccagcc ccagagagta 240
ccaccaggtg gcgccaagcc cagcagggta ccagaatacc cactccccag ccagctacca 300
ccctacaccg tcgcccattg cctatcaggc tagccccagc ccgagccccg ttggctacag 360
tcctatgaca cctggagctc cctccccctg tggctacaac ccacacacgc cagggtcagg 420
catcgagcan aactccagcg actgggtaac cactgaacntt cagggggaagg ngcgggacac 480
ntacctgnat acacaggggg gngggacaaa acaggtgtta tccnnnagtt gncacnggta 540
cngtgggggc ccaagngtgg gnggnntgaa acagntnttt tttttnttt gnttncccc 600
ttaaaattgg ganaananna cccttttncc caaaaatggg nganaacccc aaaantnggg 660
caaaaaactt ggggatttgg gggaaaaccc ttaaangggg caagggggga gcntttntg 720
aaaccccaaa nggnggggnt nttaacctg gatttaancg ggggaaatna agggangggc 780
tttccttttg ggaaagggan aaaattttgn gcccaaaaac cttgt 825

```

```

<210> 4221
<211> 819
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(819)
<223> n = A,T,C or G

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```

<400> 4221
cgnnnnnttg ttgaaanagc naggctactn gttctttttg caggatccca tcgattcgtt 60
ttcttgcaat tactatgctg tccttcctat cactacctgt tggctgaggt agtgataggc 120
ctaaatgatt cattatctta aatgtactaa atatgttgag taattttttt ttctaaacta 180
acagaaagag agaacctagg agttactccc ttaggctggg taaagtgaag ggtagccaag 240
tcaacccagc ttgtttcctt ctctcattag gaaagaacta ttgttcattc tcataacaca 300
ctttttccaa ttgcaaacat actcagggtt aaaatagttt agcacaaatt gcagcccatt 360
tcatttggtc ttcacaagct ggaacttttc ttgtaagcta aatattaaat ggttcaagta 420
aattggatac ataagcctga aactaggcgt ttctcattat acatagagta taaattaaga 480
cagacttttt catggtgaaa ggtttacagc ctttaaaaca tctgggaaga agtgggaaag 540
tagggaataa ctctgttaaa tatgataaaa gacaaaagc caacaaaggc ctagtcttaa 600
acttggtata atttctcatg ggggaagttt ngggttgtca caaggttatg ggcggtccca 660
agcaagttta ccaatatttt tttagaaata atnacctccc cagaaaatat ttttnaaaaa 720
taagggaacc tttcntttta atatggnaaa ananaanaan ananaannnn nnntnnnnnn 780
nnnnnnnnnn nnntnnnnnn nnnntntttt ctnnnnnct 819

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<210> 4222
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 4222
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 ccttaggctt tttttttgta ggggtgagagt gggggagaga tctcttgctc tgttgcccag 120
 gctggctctc agctcctggc ctccggcagt cctcccacct cagcctccca gactactagg 180
 attatgggca tgagccacca cacttagcca ggctttttat attgagttgg ttatatatgc 240
 ttcatagcca cactttataa tattggagta tagtattaaa ttacagcttg ttgtcaagtc 300
 agtgtttctg taagacagta tatccaatat tgggttagagt aacacctatt tgggtgataca 360
 gatcaacagg gtgtctctga ttaattttagc tctacatag ccagaagcaa gttcattatg 420
 atttagaata ttgtacatgg ttatgcagga atcatcccaa cctatctgtg tttataggtc 480
 agatgatgtt cagttttatat ctgctgatag tgtatatgca ggaaaacctt taaaaccact 540
 tcagacttgt taaaacagtg agaaagccgt gattgaaata ttaatacaac ccgtgtggta 600
 taaatttcat ttacantggg aatgtaaatt ctgtcatttg aatcttgnca aagcctgcta 660
 ctaaaactct taaaancctt gctaggggaa taagtcttta ntccaaaaa caatatanan 720
 ggggatgtgn gtggataata caaggacaac catatgttgg tggcnt 766

<210> 4223
 <211> 873
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(873)
 <223> n = A,T,C or G

<400> 4223
 gnagnntnnn nntttgnaac nctggetact ngttcttttt gcaggatccc atcgattcgn 60
 attntgaaca agctgtntcg tgtgtacagt tgetgctgtn attgagccag cagtgcctcg 120
 ncctgccctg canngtctgc acagctccca ctgcttctat nngntgttgg gcncgtgagg 180
 catgacttgg angggggccc ggtgcctgag gacctgctga agagaatgct caccaccagc 240
 tctntgntnc cctttctgct ttggnaatca acacgtgnt gcctgcagtg gccngacccg 300
 tgactgtttc tgcccttgtg cctagttaan agccttcaaa agcataatga acactttnga 360
 tatgatattg gaactttagt aaatgcttta ctccctcta attgcccna aatgccttaa 420
 tnttgtggac tgtttatttc aacagggtga agtgttggtc ntgcgaaatc ttggtnttcg 480
 cttttcaaga agggagtgtt ttattanttc ttctttctat ggaacgtttc aagtgattgg 540
 atntaaagaa gggctctgaa gcaggagttn ncacctgctc tgagggaaact tggggctcca 600
 gggacgtacc ccaaattgtg gccagnttt gaaactccct gacagcctgn tactacntag 660
 tgggctcgag ggtttncann atgaagaaga gttgtncccc taaaagtggg tgaaaccctg 720
 tggctttcaa agcaaaggta cccttgtcc cancatnttt nncggnaggt aggggntca 780
 ttggaaaacn tgtngggcaa ncctgntggg ttttggctcc cctgntngt nacaatnggg 840
 acctntttt gaacngtnng gaangggcta nnt 873

<210> 4224
 <211> 776
 <212> DNA
 <213> Homo sapiens